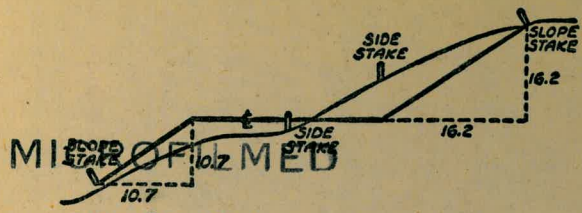


2120

TRAVEL BOOK



DEC 31 1964

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
SLOPE 1 TO 1. ROADWAY OF ANY WIDTH

	0	.1	.2	.3	.4	.5	.6	.7	.8	9	
0	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0
1	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	1
2	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	2
3	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	3
4	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	4
5	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	5
6	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	6
7	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7
8	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	8
9	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	9
10	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	10
11	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	11
12	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	12
13	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	13
14	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	14
15	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	15
16	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	16
17	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90	17
18	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	18
19	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	19
20	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	20
21	21.00	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	21
22	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	22
23	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	23
24	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	24
25	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	25
26	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	26
27	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90	27
28	28.00	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90	28
29	29.00	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90	29
30	30.00	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	30
31	31.00	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90	31
32	32.00	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	32
33	33.00	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	33
34	34.00	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	34
35	35.00	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	35
36	36.00	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	36
37	37.00	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	37
38	38.00	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	38
39	39.00	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	39
40	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	40
41	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	41
42	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	42
43	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	43
44	44.00	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	44
45	45.00	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	45
46	46.00	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	46
47	47.00	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	47
48	48.00	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90	48
49	49.00	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90	49
50	50.00	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	50

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

INDEXED
to page #15

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

These corrections are to be added to the approximate values, found by dividing the tangent, or external, for a 1° curve (Table VIII) by the degree of curve, in order to obtain the true tangents, or externals. Intermediate values may be obtained by interpolation.

FOR TANGENTS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
15°	.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.53	.58	.63	.68
20°	.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
25°	.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
30°	.10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39
35°	.11	.22	.34	.47	.58	.69	.79	.81	.92	1.04	1.29	1.42	1.54	1.66
40°	.13	.26	.40	.53	.67	.80	.93	1.06	1.20	1.34	1.49	1.64	1.79	1.94
45°	.15	.30	.44	.60	.76	.91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21
50°	.17	.34	.51	.68	.85	1.02	1.19	1.36	1.54	1.72	1.91	2.10	2.29	2.48
55°	.19	.38	.57	.76	.95	1.14	1.32	1.52	1.72	1.92	2.14	2.35	2.56	2.77
60°	.21	.42	.63	.84	1.05	1.27	1.49	1.71	1.94	2.17	2.38	2.60	2.83	3.07
65°	.23	.46	.69	.93	1.16	1.40	1.64	1.88	2.13	2.38	2.63	2.88	3.13	3.39
70°	.25	.51	.76	1.02	1.28	1.54	1.80	2.06	2.33	2.60	2.88	3.16	3.44	3.72
75°	.27	.56	.83	1.12	1.40	1.69	1.98	2.27	2.57	2.87	3.16	3.47	3.78	4.09
80°	.30	.61	.91	1.22	1.53	1.84	2.15	2.46	2.78	3.10	3.44	3.78	4.12	4.46
85°	.33	.66	1.00	1.33	1.68	2.02	2.36	2.70	3.05	3.40	3.77	4.14	4.55	4.89
90°	.36	.72	1.09	1.45	1.83	2.20	2.57	2.94	3.32	3.70	4.10	4.50	4.91	5.32
95°	.39	.79	1.19	1.55	2.00	2.40	2.80	3.20	3.61	4.02	4.40	4.98	5.38	5.83
100°	.43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34
110°	.51	1.03	1.56	2.08	2.61	3.14	3.67	4.21	4.76	5.31	5.86	6.43	7.01	7.60
120°	.62	1.25	1.93	2.52	3.16	3.81	4.45	5.11	5.77	6.44	7.12	7.80	8.50	9.22

FOR EXTERNALS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.029	.032	.035	.039	.043	.047	.051
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.771	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.286	.383	.480	.578	.678	.777	.877	.977	1.07	1.18	1.29	1.39
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	1.91
90°	.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20
95°	.174	.350	.522	.706	.885	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58
100°	.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
110°	.268	.536	.806	1.08	1.35	1.63	1.91	2.20	2.48	2.76	3.05	3.35	3.66	3.96
120°	.360	.721	1.08	1.45	1.82	2.19	2.57	2.95	3.33	3.72	4.11	4.50	4.91	5.32

Proposed University Storm Drain 1-15

43rd. to 4 1/2.

FOR ADDIT. LEVELS, ABOVE, see Pg 62

Alley Bk 41 Ocean Beach 21-

X-sec. Bk. 2, City Heights - 33
Myrtle to Dwight

Downing Estates
Survey Boundary Bonita Ave - 43

Las Alturas Villa Sites Survey 45-49

X-SECT. ARROYO AVE - Loma Ave to Paradise rd. 55

D. Smith
R. Sission
G. Pope

12-15-50 1
WO# 20713

Proposed Storm Drain 43rd + University

INDEXED
MK
DEC 27 1950

43rd

St

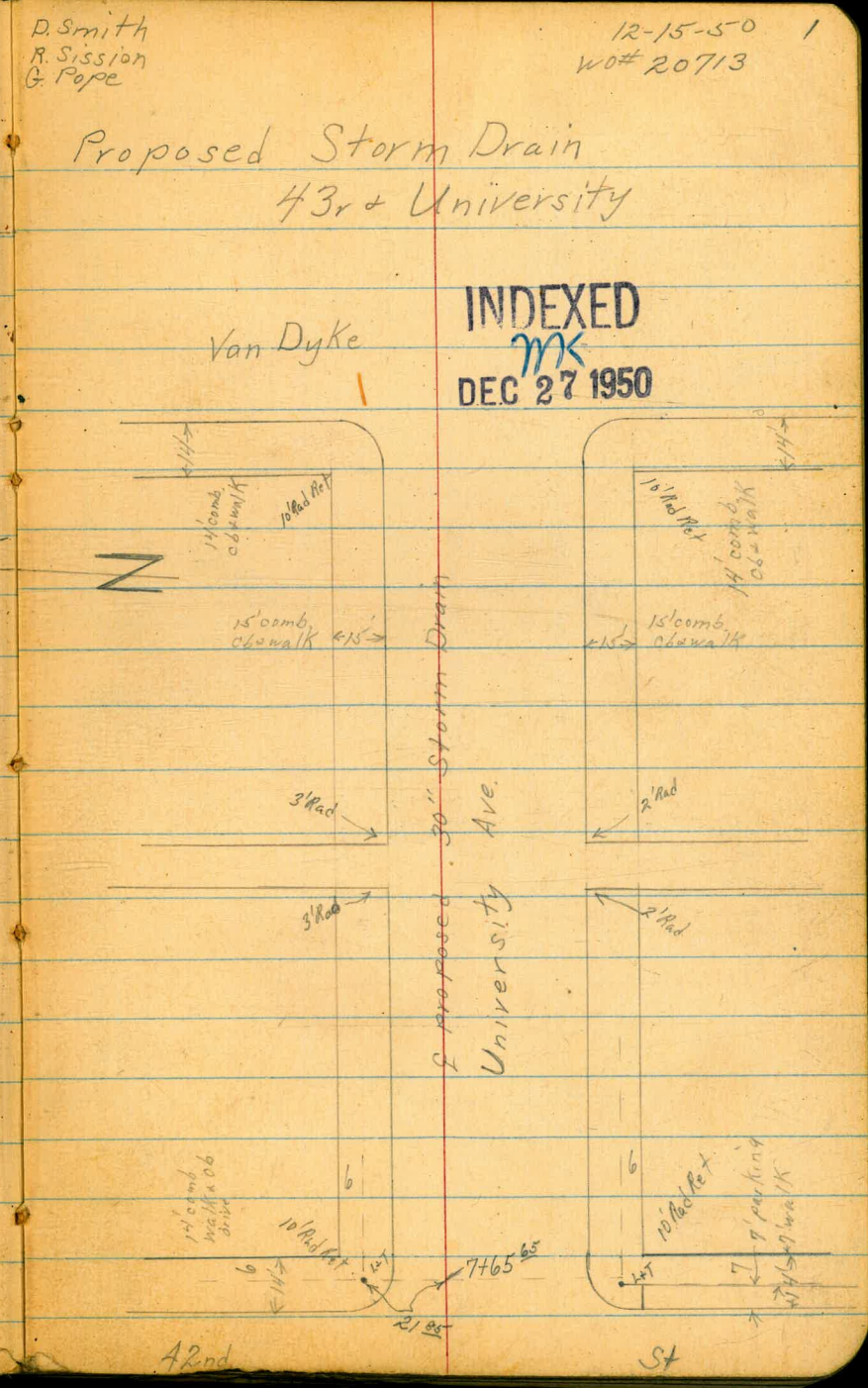
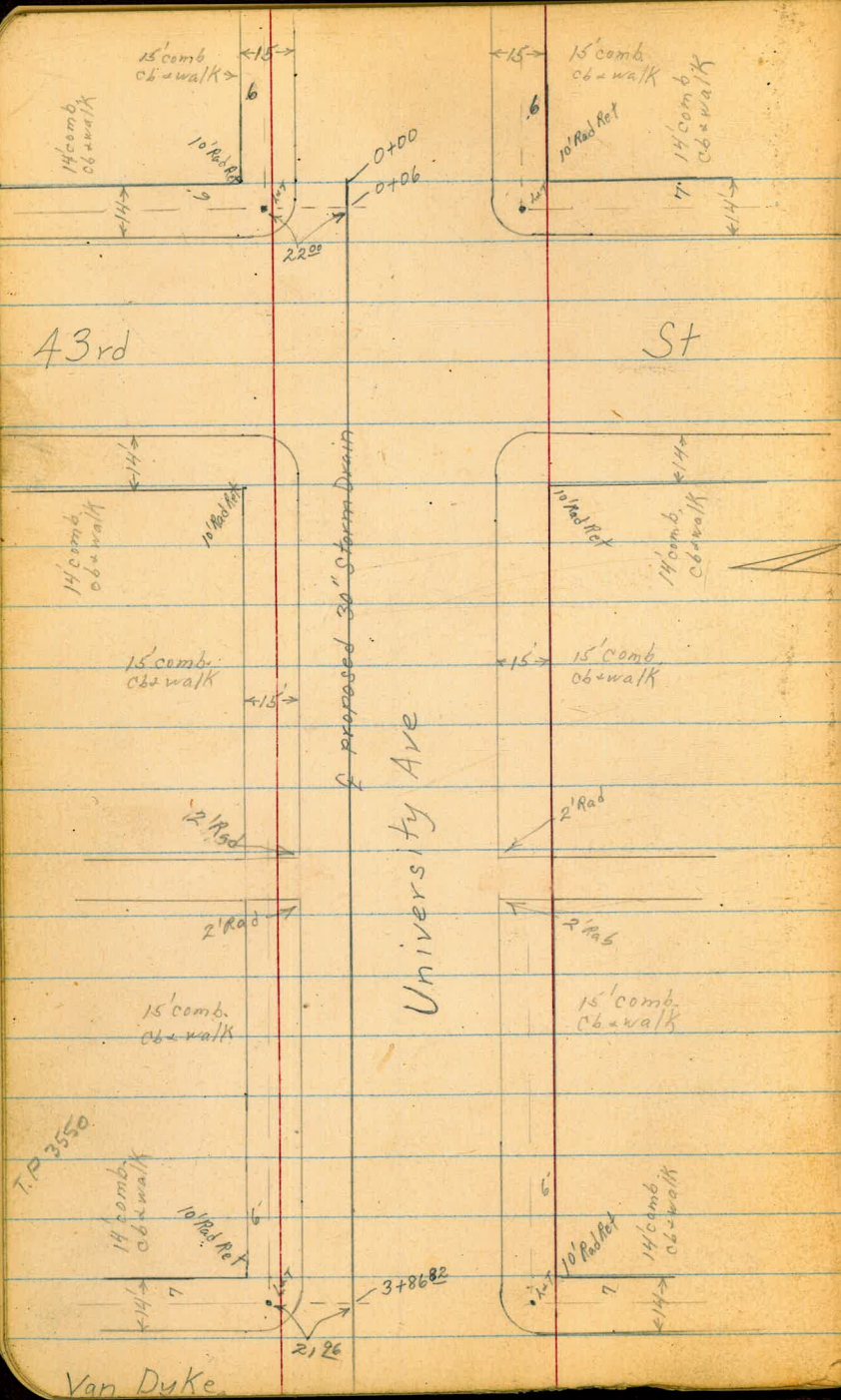
Van Dyke

Proposed 30" Storm Drain

University Ave

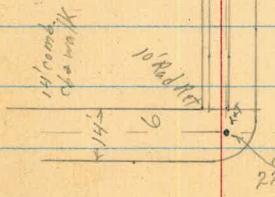
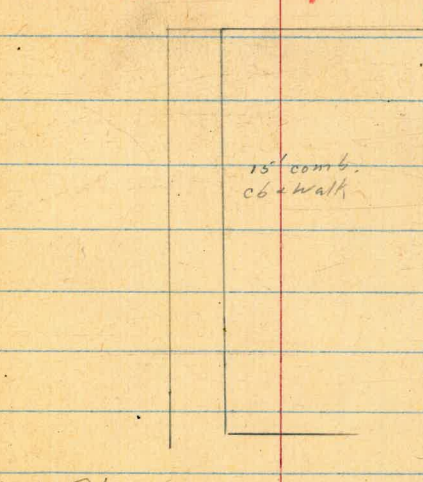
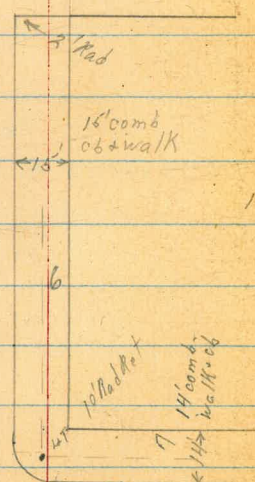
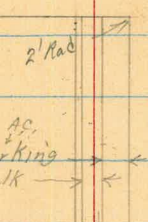
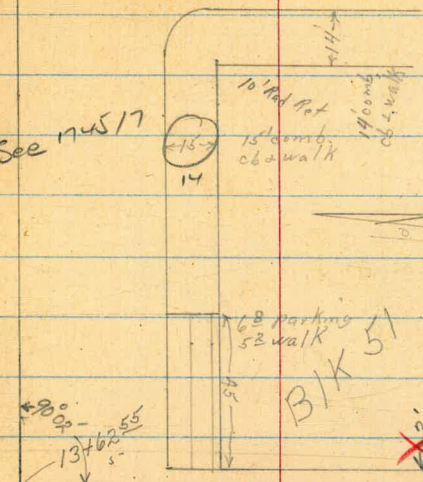
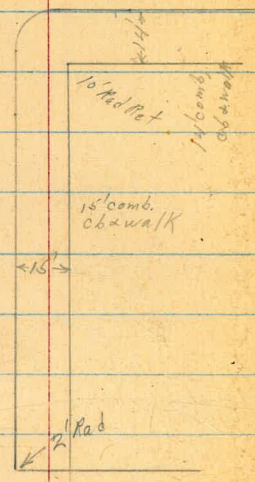
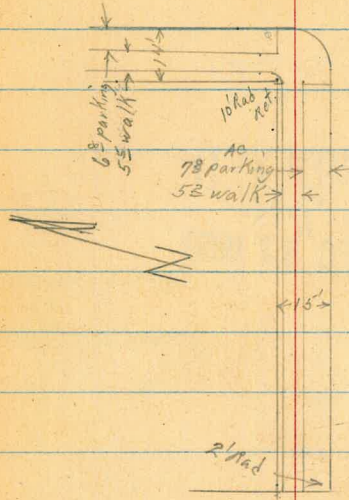
Proposed 30" Storm Drain

University Ave

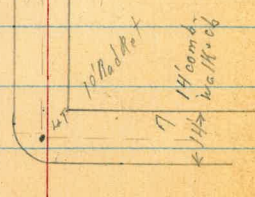


42nd St

Marlborough Ave



11+4565



41st St

Marlborough Ave

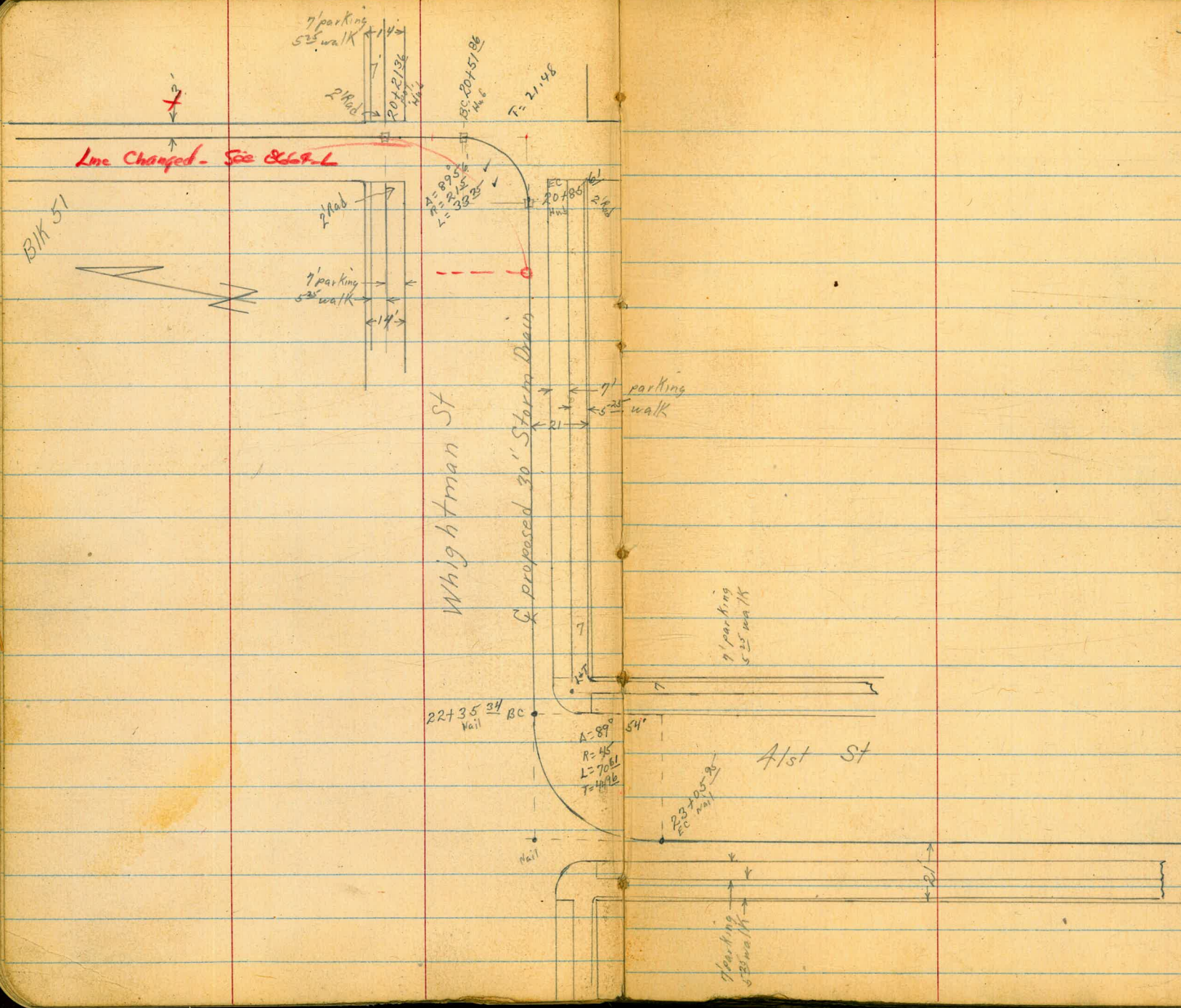
Ave

BIK 51

Set Hub 16+7827 POT

Note: There is sewer utility in Alley.
Sewer & water 5' East.

See 86626



Line Changed - See 8669-L

B/K 51

Whightman St

Proposed 30" Storm Drain

A1st St

7' parking
5'25" walk

2' Rad

PA 21.96

BC 20+51.86

T=21.48

A=89°
R=45
L=70.61
T=44.86

EC 20+85

7' parking
5'25" walk

2' Rad

7' parking
5'25" walk

21

22+35.34
Mail BC

A=89°
R=45
L=70.61
T=44.86

54'

23+05.98
EC Mail

7' parking
5'25" walk

7' parking
5'25" walk

21

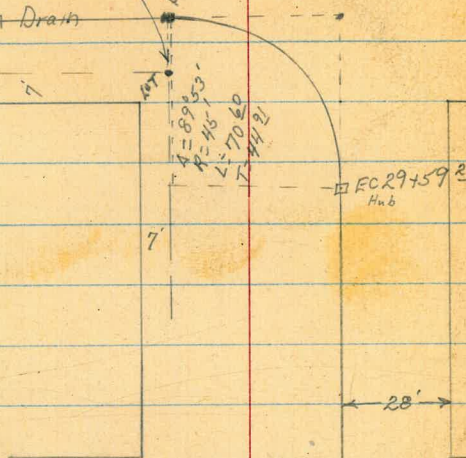
41st St
Proposed 30" Storm Drain

Central Ave

28+88.58
BR 28+88.67
Sta. 1

$A=89.53$
 $R=45$
 $L=70.60$
 $T=44.21$

FC 29+59.27
Hub



Proposed 30" Storm Drain
Landis St

32+42.46

Central Ave

Landis St

Proposed 30" Storm Drain

28'

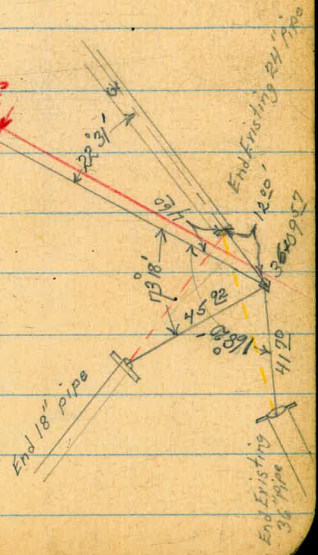
Move BC back 1.33'

See cross. L

BC 31+76.02
Hub
 $A=60.07$
 $R=45$
 $L=47.12$
 $T=25.28$

FC 35+23.44
Hub

1.15'



End 18" pipe

End Existing 24" pipe

End Existing 24" pipe

12.00'

32+09.17

41.20

45.02

33.00

34.14

Proposed Storm Drain 43rd + Univ.

12-18-50
at West 20713 5
South & North

	LT South	North
3+00	348.88 5-17	348.25 5-30 348.50
+50	348.92 5-13	348.75 5-30 348.48
+30 Alley Sewer	348.83 5-08 72 rim	348.83 5-22 269 rim
2+00	348.57 5-08	348.60 5-45 269 rim
1+50	348.07 4-98	348.94 5-11 348.69
1+00	348.11 4-94	348.67 5-18 348.69
0+50	348.29 4-76	348.20 4-85 348.10
0+00	348.25 4-80	348.07 4-98 348.92
TP ₄	486	359.12 ✓ NE 677 h+T 43rd - Univ.
TP ₂	520 364.05 ✓	423 358.35 ✓ NW 746 h+T Van Dyke - Univ.
TP ₁	544 362.58 ✓	285 357.14 ✓ 42nd + Univ North High cor inlet next to NE cor.
BM	736 359.99 ✓	352.63 ✓ Marlborough + NW cor University

+50	357.42 518	357.33 527	357.14 548
7+00	357.63 497	357.52 508	357.40 520
+50	357.82 478	357.74 486	357.58 502
7+00 Alley Sewer	357.97 463	357.82 478	357.69 491
6+00	358.14 476	358.03 457	357.88 472
+50	358.32 478	358.18 472	358.02 458
5+00	358.45 405	358.38 422	358.27 433
+50	358.54 425	358.46 362.60	358.35 520
TP ₅	425	362.60	358.35
4+00	358.54 521	358.72 533	358.60 545
3+50	358.85 517	358.72 533	358.45 560
	364.05 ✓		

14' RT & 2' x 12' S drain + cleanout. FL 39
 39' RT & 2' x 12' S drain + cleanout
 South
 LT 14' 35' 12
 14' 35' 22
 14' 35' 22
 North
 RT 35' 11
 14' 35' 13
 Top
 FL 14

LT
 South
 East
 RT
 North
 West

11455 +50 333.52 5⁸⁶ 353.47 5⁹² 353.35 6⁰⁴
 11400 352.98 5⁴¹ 353.86 5⁵³ 353.64 5⁷⁵
 +50 354.50 4⁰⁹ 354.39 5⁰⁰ 354.17 5²²
 10700 355.06 4⁵³ 354.93 4⁴⁶ 354.71 4⁶⁸
 9790 Alley Sources 355.70 3²⁹ 355.58 3³¹ 355.27 4⁰²
 +50 356.15 3²¹ 356.06 3³³ 355.90 3⁴⁹
 9400
 TP 307 359.59 6²⁸ 356.32 327
 8750 356.72 5⁸⁸ 356.57 6⁰³ 356.35 6²⁵
 8400 357.20 5⁴⁰ 357.15 5⁴⁵ 357.09 5⁵¹
 362.80

14714⁵⁵ S Prop Univ 353.03 4⁸⁶ 352.91 4⁹⁹ 352.86 5⁰³
 2' RT & ditch down Alley
 12' RT & ditch down Alley 352.36 5⁵³ 352.40 5⁴⁹ 352.41 5⁴⁸
 13799⁵⁵ S ob Univ. in gate 353.53 4³⁶ 353.55 4³⁴ 353.57 4³²
 13774⁵⁵ E Univ. 357.89 6⁷² 352.67 6⁷²
 TP 5²² 357.89 6⁷² 352.67
 13762⁵⁵ Lint on split 353.59 5⁸⁰ 353.37 6⁰² 353.18 6²¹
 13750 353.47 5²² 353.29 6¹⁰ 353.14 6²⁷
 13700 353.31 6⁰⁸ 353.19 6²⁰ 352.94 6⁴⁵
 +50 352.97 6⁴² 352.83 6⁵⁶ 352.72 6⁶⁷
 12400 353.17 6²² 353.14 6²⁵ 353.04 6³⁵
 359.39

17+25

	LT				RT
	East				West
536.0	341.7	344.3	347.1	344.8	
11 ³	9 ³	5 ⁶	3 ⁰	2 ⁵	2 ⁵
25	15	5	5	15	

TP₈

0 ⁵⁴	347 ³³	11 ¹⁰	346 ⁷⁹
-----------------	-------------------	------------------	-------------------

17+00 Brk

344.99	345.29	346.6	346.6
15 ²	12 ⁰	11 ³	11 ³
20	5	5	5

16+75 8² Lt & single garage dirt floor

10 ²	347.2
8 ²	

+50

347.2	347.6	347.8
10 ²	10 ³	10 ¹
5	5	5

16+00

349.3	349.3	349.4
8 ⁶	8 ⁶	8 ⁵
5	5	5

15+65 2⁶ Lt End cyclone fence
2⁰ Lt 12" con retaining wall Lt to Alley

15+50

350.6	350.5	350.4
6 ³	7 ⁴	7 ⁵
5	5	5

15+00 2⁶ Lt Begin cyclone fence

352.3	351.7	351.7
5 ⁶	6 ²	6 ⁰
5	5	5

14+50

352.5	352.4	352.3
5 ⁴	5 ⁵	5 ⁶
5	5	5

357⁸⁹

18+77 2¹ Lt 18" dia Eucalyptus tree

LT					RT
East					West

18+75

338.1	336.2	334.8	333.7	333.1	331.2
4 ³	6 ²	7 ⁶	8 ²	9 ³	11 ²
10	4	5	15	25	

18+64 3⁵ Lt Begin 7' picket fence

18+64 2⁵ Lt End 5' picket fence

18+50

336.1	334.5	334.0	333.3	331.3	330.6
6 ³	7 ⁶	8 ⁴	10 ¹	11 ²	12 ⁸
10	3	5	15	25	

18+00

334.9	332.1	330.1	331.7	329.5	326.7
7 ⁵	9 ³	10 ³	10 ²	9 ⁶	5 ²
15	5	5	15	25	

17+88 16⁴ Lt House floor

6 ²⁵	336.19
-----------------	--------

NOTE: For ADDIT. Levels here see Page 62

17+65

334.4	332.9	332.2	332.7	330.4	328.6
8 ⁰	9 ⁵	9 ²	9 ²	7 ⁰	3 ⁸
25	15	5	5	15	

17+63 4¹ Lt Begin 5' picket fence

17+50

332.2	330.5	329.7	326.4	327.2	329.7
9 ²	8 ²	7 ²	6 ⁰	5 ²	2 ²
25	15	5	5	15	

TP₉

5 ¹⁷	342 ⁴⁴
-----------------	-------------------

10⁰⁶ 337²⁷

Lt East

Rt West

19771^s 4² Lt NW cor House

19771^s 4² Lt End fence

TP₁₀

416

345⁵⁵ 105

341³⁹

20721²⁶ P.O.T. Hub

19750

343.6 342.0 339.6 339.2
712 04 27 42 41
10 5 5 15

19726 1² Rt & 18" Eucalaptus tree

19725

343.2 341.6 338.6 337.0 336.9
708 16 38 54 55
10 5 5 15

19714 5² Lt End picket fence begin half fence

19708 0²⁵ Lt & 16" dia Eucalaptus tree

19700 4² Lt to fence

338.4 337.4 335.9 335.1 334.2 333.3
40 50 65 73 82 94
10 5 5 15 20

18791 2² Lt & 18" dia Eucalaptus tree

342 44

Lt East South

Rt West North

8

21735

20785⁶¹ FC.

20768⁷⁵ Mid Point

BM.

028

20754³⁶ approx 6 Rt

20751⁸⁶ BCRT

20728³⁶ N obline

20714³⁶ N Prop Whightman

20700

19797³ 4² Lt SW cor House

338.1 338.4 338.5
36 33 32
5 5 5

339.9 340.2 340.3
18 146 13
5 40 5

341.0 340.8 340.6
02 02 14
5 5 5

34167 34139

34118 32960
432 1520
rim FL
54011
145

215 Radius
34118 34151 34110
32 404 45
10 46 10

34118 34114 34112 34016 34012
32 42 42 50 53
20 10 10 20

34006 34116 34114
349 39 42
3 5 5
06947

3440 3430 3406 34014
15 25 42 54
45 5 15

Acad - 1047/58
Diff. 25
?

34555

Lt South East
 TP₁₁ 690 34248 609 33558
 25400 5⁸² 6¹⁰ 6⁴⁵
 24150 6⁰⁰ 6³¹ 6⁶⁶
 24100 6¹³ 6³⁹ 6⁷⁰
 23750 6³³ 6⁷¹ 7⁰³
 7' Rtor West 30" corrugated flooring SW
 8' North . P.E.C. & 4 1/2" XR⁵ grate 16' opening
 6⁴⁴ 7⁸¹ 11¹⁸
 23405⁹⁵ EC 6⁵¹ 6⁸⁴ 7⁴⁰
 22770⁶⁵ Mid Point 6⁰⁹ 6¹⁹ 6²³
 45' Radius BC Lt 6²⁴ 6¹⁸ 6¹⁶
 21785 5⁸ 5³ 5¹
 34167

9
 Lt East South
 2975927 EC 334.8 72 751 72 335.3
 29723⁹⁷ Mid Point 336.56 5⁹² 5⁹³ 6¹¹
 2878867 BC Lt. 45' Radius 337.04 336.83 336.57
 5⁴⁴ 5⁶⁵ 5⁹¹
 28750 336.66 5⁶² 5⁸³ 6¹⁰
 28400 336.84 5⁶⁴ 5⁹¹ 6²³
 450 336.65 5⁸³ 6¹⁰ 6⁴³
 27700 336.44 6⁰⁴ 6³³ 6⁶⁴
 450 336.35 6¹³ 6⁴² 6⁷⁴
 26100 336.13 6³⁵ 6⁶² 6²⁰
 25150 335.87 6⁶⁰ 6⁸² 7¹⁰
 34248

Lt South ♀ Rt North

33+00

326.13 5²⁷ 5
326.11 5²⁹ 5
326.08 5²² 5

32+50

326.84 4⁵² 5
326.8 4⁶⁰ 5
326.76 4⁶⁴ 5

32+00

327.4 4² 5
327.6 3⁸ 5
327.6 3⁸ 5

750

328.1 3³ 5
328.1 3² 5
328.3 3¹ 5

31+00

329.0 2⁴ 5
329.0 2⁴ 5
329.0 2⁴ 5

30186 } 48^E Lt & SMH

Dead @ "Flowing Stalk"

326.55

4⁰⁵

FL

485

rim

72^R Rt & SMH

Dead 6"

?

30+50

330.7 0² 5
330.9 0⁵ 5
331.0 0⁴ 5

TP₁₂

0⁰⁵

331⁴⁰

11¹³

331³⁸

30+00

332.8 9² 5
332.1 9⁴ 5
332.5 9² 5

342⁴⁸

Lt South ♀ Rt North

10

35+50

355.3 11³ 10
322.1 7⁵ 10
326.4 3² 10

TP₁₃

0⁴⁵

319⁵⁸

12²⁷

319¹³

35+23¹⁴ EC

333.0 8⁴ 15
327.2 4² 5
326.2 3²⁸ 14.6
325.5 3² 5

34+99

Mid Point

324.3 5¹ 5
325.7 5² 5
326.1 5³ 5

34+76

45' Radius

80 Lt

325.0 5¹ 5
324.03 5³⁷ 14.5
326.2 5² 5

34+50

325.7 5² 5
325.9 5⁵ 5
326.2 5² 5

34+187

335.43 5⁹² 36 Top
330.48 10⁹² 36 Top
319.62 11⁷⁸ 92 Ft
292.88 38⁵² 92 Ft
321.31 10⁹⁹ 92 Ft
326.47 4⁹³ 92 Top

322.05 9³⁵ 13 Ft.
321.93 6⁵⁷ 13 Ft.
2 2 x 2 grate

34+00

325.7 5² 5
326.0 5⁴ 5
326.2 5² 5

33+50

326.7 5² 5
326.4 5⁰ 5
326.3 5² 5

331⁴⁰

LT
South

8

RT
North



Notes Reduced - 12.22.50

0+54 ^{end} Fl. existing 36" Drain

1169

287.28

0+27

288.6
104
5

288.8
102

289.3
92
5

6+00 yellow line ^{end}

Fl. existing 24" Drain

288.22
1025

289.3
92

361 00

288.22
1025
4.6
Fl 24"

289.4
92

289.7
73
5

TP₁₅

331

298 27

12 01

295 66

TP₁₄

0 06

307 67

11 97

307 61

33+66
Cross Sewer - D. Smith
m H - 10.2 ft.
Run at 24" = 54
FL = 318.04
18.51

11

BM

3 73

332 14

wabsh
A 51800
332 15
NE BP
Kandis
4074

TP₁₉

3 77 335 87

0 85

332 10

BM

5 60

327 35

327 35 SW BP
Dwight
4074

TP₁₈

11 26 332 95

0 04

321 19

TP₁₇

11 22 321 23

0 65

310 01

0+46 Fl existing 18" ^{end} Drain

334.71
5 21 7 2
Fl ground

TP₁₆

12 20 310 66

0 51 298 46

0+23

34 295 6
5

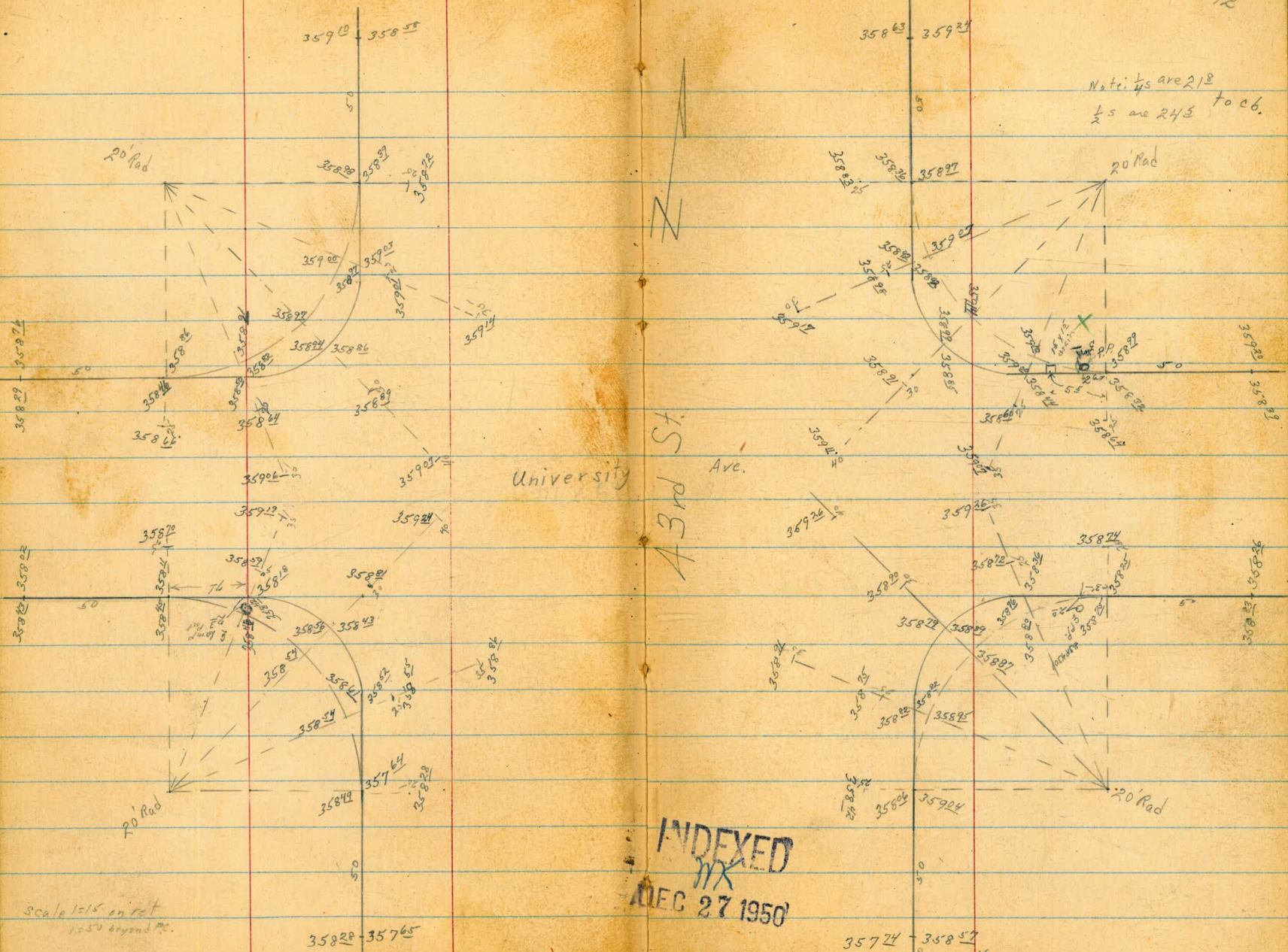
22 245 6

0 51 298 5
5

0+00 Fl existing 24" ^{end} Drain

1075 288.22

298 97



Notes: $\frac{1}{4}$ s are 218
 $\frac{1}{2}$ s are 243 to c6.

INDEXED
 DEC 27 1950

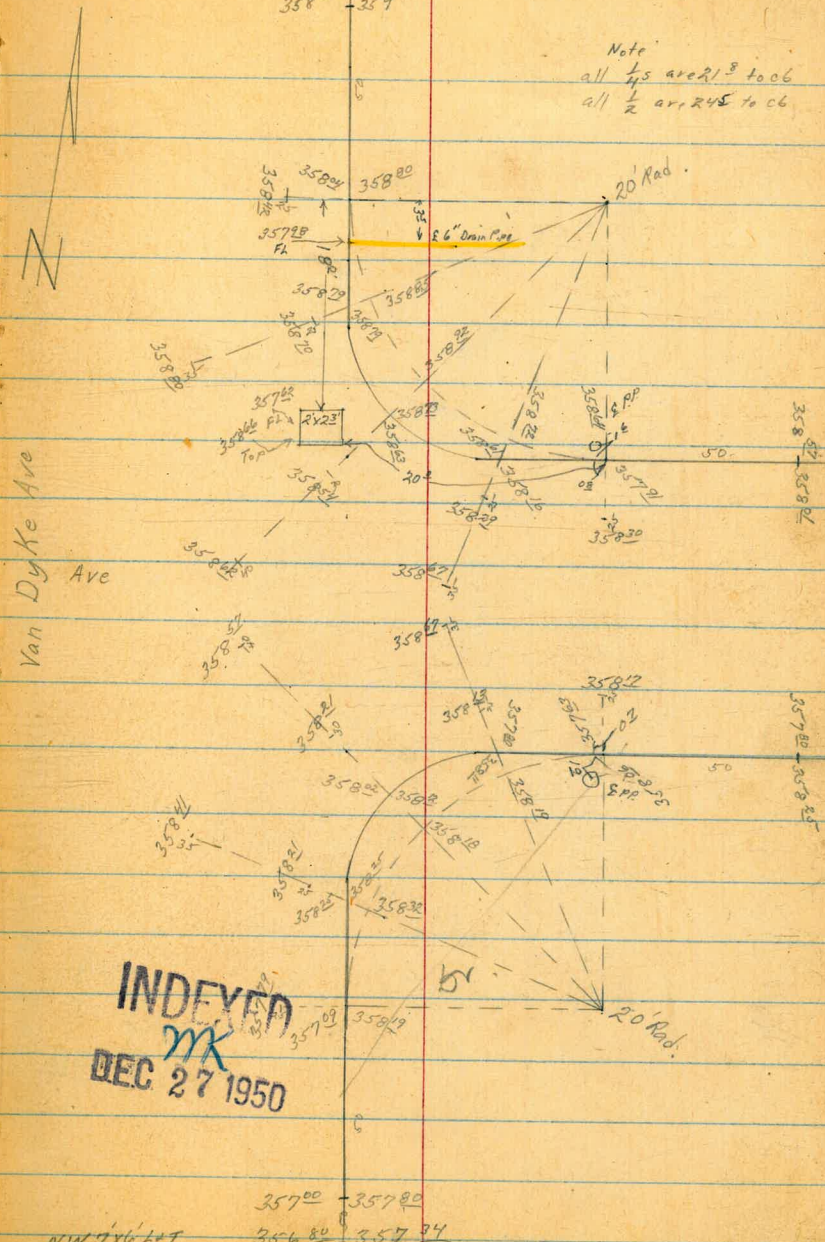
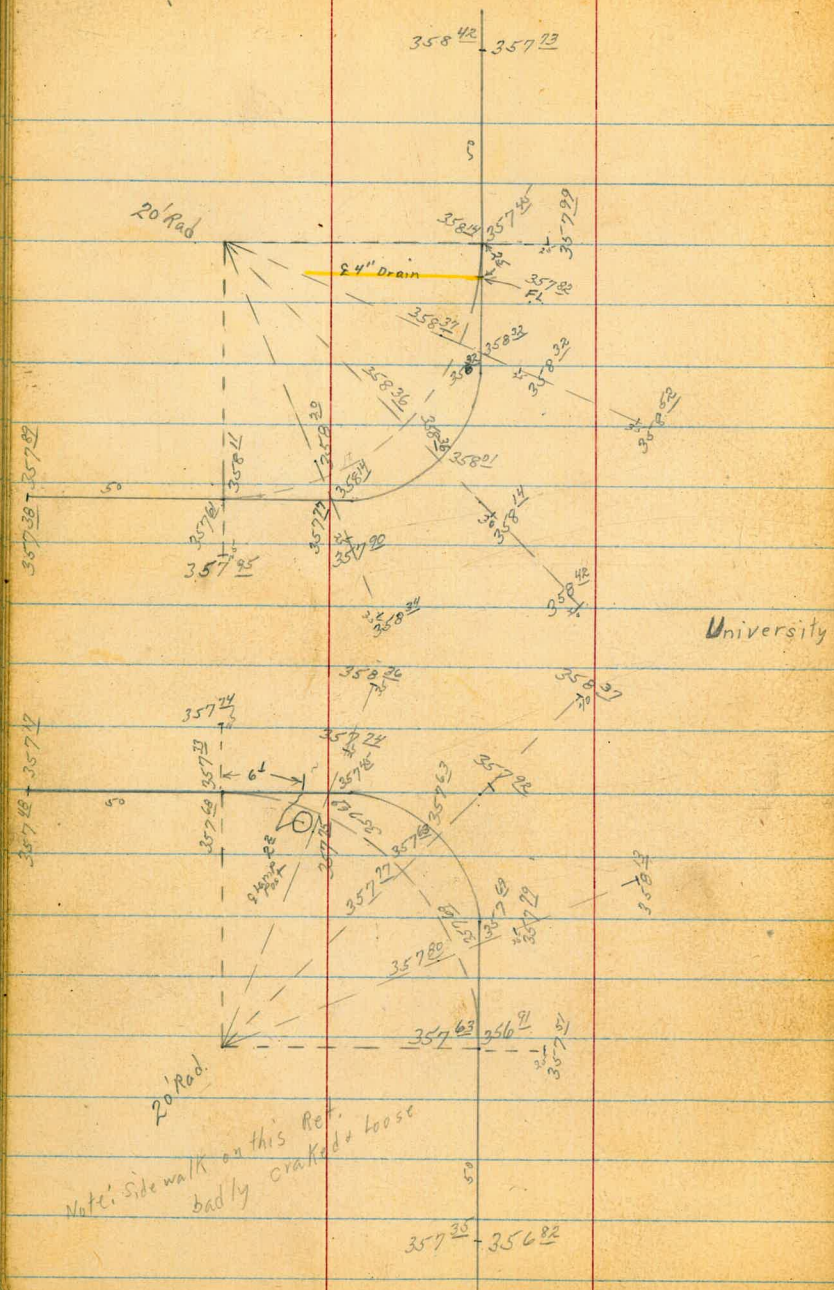
Scale 1" = 15' on plat
 1" = 50' beyond plat.

BM 35919

NE 647 1st
 43rd + University Ave

35724 - 35857
 35750 - 35894
 35730 - 35816

Note
all $\frac{1}{4}$ s are 21^s to c6
all $\frac{1}{2}$ are 24^s to c6



Van Dyke Ave

University

INDEXED
MK
DEC 27 1950

Note: Side walk on this Ret.
badly cracked & loose

BM. 358³⁵

NW 1/4 Lot
Van Dyke + University
357⁰⁰ 357⁸⁰
356⁸⁰ 357⁷⁴
356⁴¹ 356²⁹

X-Section 20' Alley in Block 153

Univ. Hts. - Sec Book 1519 - P 59

5226

W.O. 31723

Osborne
Hardin
Hatch
Pollen

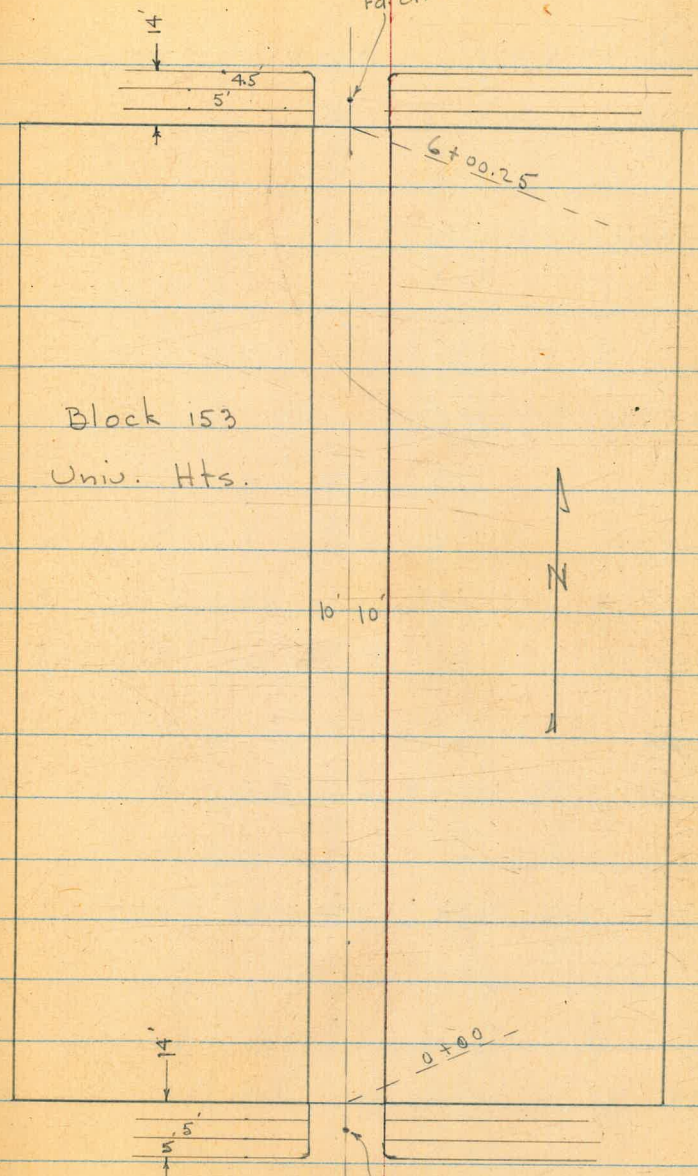
2-16-51

INDEXED
Law
NOV 5 1951

Reduced by
C.R. Lockhead

Howard

Fd. ct. on 7' line Ave 16



Polk

Fd. ct. on 7' line Ave
B. 1519 - P. 59

X-Sect. Alley - in Block 153 - Univ. Hts.
 sketch - P. 16.

0+50

0+44.5 = ± Sing. Gar. on Rt. - Conc. apron + floor

0+15

0+05.5 - 8.5' Rt. = ± Tel. pole # 90886-H

0+03 - 11' Lt. = Beg. Conc. Dr. - 10' wide.

0+02 - 10.4' Lt. = ± of 2' Hedge 5' High

0+00 = N.L. Polk = edge AC pave

0-14 = N. cb. Polk.

B.M. - B.P. 5.14 373.61

368.47

Lt.

#

Rt. 17

369.86

369.6

369.4

369.8

370.3

3.65
11.4
Dr.

4.0
10

4.2

3.8
8

3.3
10

369.73

370.13

3.88
8.2
apron

2.88
11.9 = floor
Gar.

369.71

369.1

369.0

369.1

370.0

369.4

369.58

3.90
11.3
Dr.

4.5
10

4.6

4.5
8

3.6
10

3.7
14.7
along House

4.03
11' on Conc.

368.85

368.73

368.66

368.81

368.85

4.78

4.88

4.95

4.80

4.76

368.62

368.24

Top =
end cb.

Top =
gut.

Top =
gut.

Top = end
cb.

4.99

5.37

4.83

5.26

5.24

5.15

4.75

5.13

4.81

Top

50
gut.

Top

10
gut.

Top

10
gut.

Top

50
gut.

Top

N.E. Cor. Utah + Polk

373.61

2+00 - 9.8 Lt. = end shed.
 1+99 - 10.1 Rt. = end. shed. + 10.4' Rt. = Beg. 8" Conc. Block wall
 1+90.5 - 10.2 Rt. = Beg. Wood shed. - Dirt floor
 1+89 - 9.6 Lt. = end fence + Beg. shed.
 1+83 - 10.7 Rt. = 14' shed - wood floor
 1+77 - 9.7 Lt. = end shed. + Beg. slat fence
 1+70 - 9.7 Lt. = end fence + Beg. shed. - wood floor
 1+50
 1+25 - 10.7 Lt. = Beg. board fence.
 1+00
 0+98.5 - 8.2 Rt. = end apron
 0+81.5 - 10' Rt. = Cor. Gar.
 0+78 - 8.2 Rt. = Beg. Conc. Apron to Doub. Gar.
 0+75 - 8.5' Rt. = 1/2 P. pole # PA. 4114
 0+72 - 8.1 Rt. = end apron
 0+68.5 - 9.9 Rt. = Cor. Gar.
 0+53.5 - 10.6 Lt. = Cor. Gar. - 11.4' Lt. = end Conc. Dr.
 0+52 - 8.1 Rt. = Beg. Conc. apron to Doub. Gar.

	370.6	Lt	370.2	#	370.4	Rt.	18
	3.0		3.4		3.2		3.9
	20		10		10		10.4 = Bottom of footing
		370.3			370.4		
		3.3			3.2		
		9.6			10.2		at Cor.
		d shed.			370.3		
					3.3		2.70
					14		14
					ground		floor
		370.7		370.1			
		2.9	3.6		370.2		370.5
		20	10		3.4		3.1
					10		20
	370.3						
		370.4			370.3		370.4
	3.3				3.3		3.2
	30				10		20
		370.9			370.97		
					3.64		3.43
					8.2		10.1
					apron		floor
					370.91		Gar.
					370.18		370.07
					370.86		3.54
					3.70		10
					8.2		conc.
					apron		15 walk
					370.35		15
							to E.
					370.25		
					370.20		
					370.02		
					369.9		
					3.75		3.26
					8.1		15 = walk to E.
					apron		
					370.81		
					370.15		
					3.41		3.46
					3.59		9.9
					3.7		floor Gar.
					floor		
					Gar.		
					11.4		
					Dr.		
					10.6		
					ground.		
					373.61		
					3.80		
					8.1		
					apron		

5+89 - 10.2' Lt = Beg. Cor. Clay curb.
 5+89 - 9' Lt = Ely. of 3' Hedge - 4' High
 5+83 - 8' Rt = Beg. wly. of 4' Hedge - 5' Hedge
 5+60 - 11.9' Lt = Beg. Stucco House
 5+55.5 = 11.9' Lt = E 15' Conc walk
 5+50 - 9.3 Rt = E P. pole # P.A. 4192
 13.3 Rt = E 2' Conc walk
 5+47.5 - 11.8' Lt = E 2.5' Conc walk
 15' Rt = E Sing. Gar. Dirt floor.
 5+31 - 14.8' Lt = end Row of Gar.
 5+00
 4+75.5 - 14.9' Lt = Beg. Row of Gar. (conc. floor.
 + Beg. Cold lay Pave (Rough)
 4+66 - 10' Rt = end Gar.
 4+65 - 11.8' Lt = end apron
 4+51.5 - 10' Rt = Cor. Gar. Dirt floor - opens East.
 4+50 - 8.5' Rt = E P. pole # 4152 17-H

20

	372.49	371.79			
	3.64	4.34			
	10.2	10.2 eq.t.			
	Top				
	cb.				
	372.33	372.26			
	3.80	3.87			
	17	11.9			
	walk	walk			
			11.9 = C.L. along house		
			371.44		
			4.69		
			10		
			edge		
			371.25		
			4.85		
				371.43	
				4.70	
				10	
				11.5	
				edge	
				371.49	
				4.64	
				10	
				11.5	
				edge	
				371.57	
				4.56	
				13.3	
				walk	
				371.8	
				4.8	
				15 = floor	
				371.24	
				4.7	
				15	
				371.4	
				4.7	
				15	
				371.97	
				4.66	
				15	
				Gar.	
				371.26	
				4.87	
				10	
				C.L.	
				371.10	
				5.03	
				4.89	
				10	
				edge	
				371.24	
				4.59	
				10	
				edge	
				371.24	
				4.9	
				10 = ground.	
				371.84	
				4.34	
				14.9	
				floor.	
				371.53	
				4.76	
				12	
				edge	
				371.21	
				4.92	
				10	
				C.L. Pave	
				371.89	
				5.24	
				edge	
				371.84	
				4.59	
				10	
				edge	
				371.84	
				4.9	
				10 = ground.	
				371.84	
				4.29	
				16	
				Brk.	
				371.88	
				4.60	
				11.8	
				apron	
				371.47	
				4.66	
				11.8	
				apron	
				371.2	
				4.9	
				10	
				370.9	
				5.2	
				10	
				370.9	
				5.2	
				10	
				371.0	
				5.1	
				20	
				376.13	

Lt. Rt.

check s.w. B.P. Utah + Howard 2.88 373.87 ✓

6+14.25 = S. cb

6+04 = end Hedges - Both sides

+ end cor. curb on Lt. Pave

6+00.25 = S.L. Howard = end C.L. + Beg. H.C.

T.P. 5.30 376.75 ✓ 4.58 371.55 ✓

373.95 = Bench Book

372.25	371.82	371.84	371.44	371.40	371.28	371.72	370.96	371.44
4.52	4.93	4.91	5.31	5.35	5.47	5.03	5.79	5.31
Top	5'0 cut.	Top 2' Rad.	10 cut.		10 cut.	Top 2' Rad.	5'0 cut.	Top
	372.03		371.70	371.54	371.51		371.87	
	4.72	5.05		5.21	5.24		4.58	
	Top cb.	10.1 cut.			10 cut.		Top cb.	
				376.75 ✓				
				376.13 ✓				

Alley Bk. Al. Ocean Beach

X-Sec. for Imp.

4-June, 1951

W.D. 31819

Sommermeier
Begg
Shepard
Altman

- = Fd, L & T.
- X = cut cross in conc.
- = set conc. nail

INDEXED
JUN 6 1951

outs taken to Prop. side of poles.

outs taken to Alley side of improvements

B.W. = base of wall.

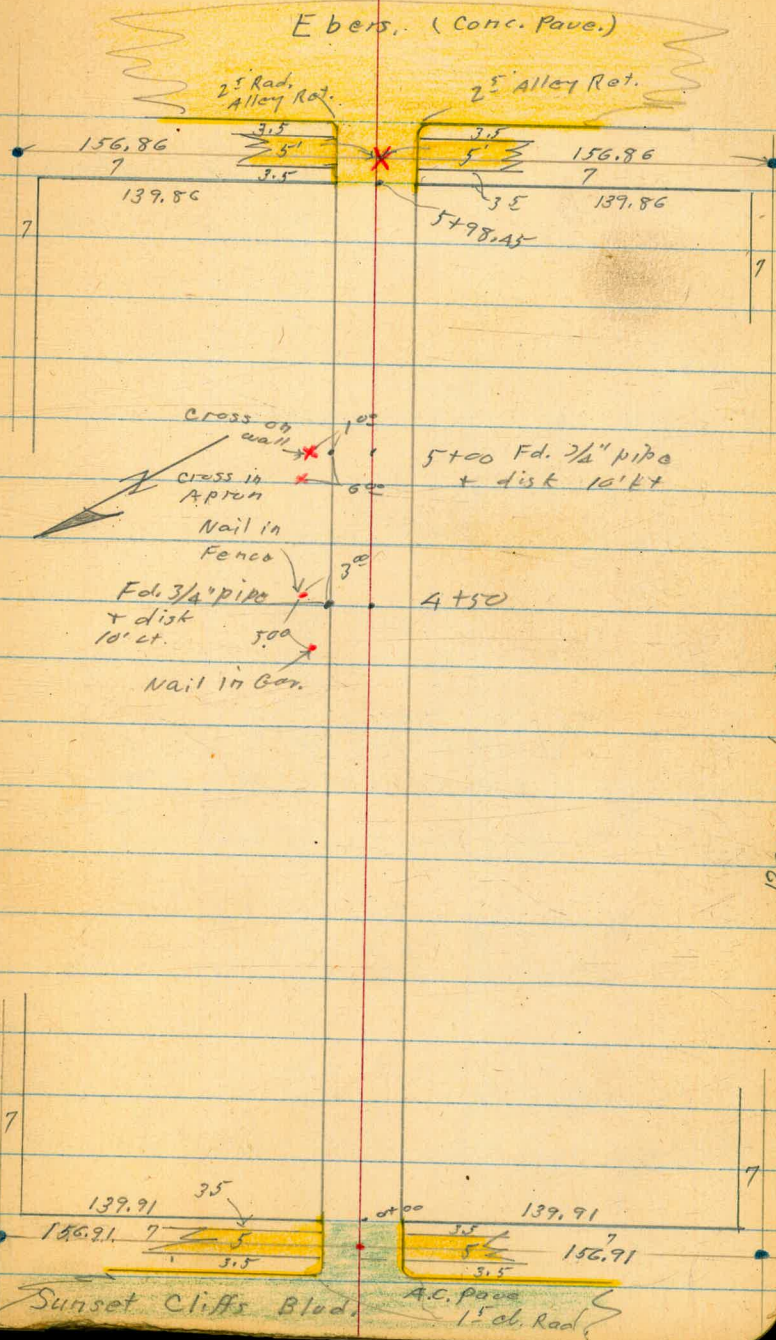
T.W. = top of wall

general drainage is S.W. ly.

Reduced by
R.W. Altman
6-7-51

Pescadero Ave

Bermuda Ave



0+46. 16' Lt. = ± 3' wide Conc. step.

25.50
3.41
16
Top. 1st step.

24.8
4.1
16
End.

0+43⁵ 10³ Rt. = end Gar.
Ely. Cor. Sing. Gar.

0+43- 99 Rt. = start conc. block wall.

23.9
5.0
99
End

23.7
5.12
99
B.W.

28.6
0.3
99
T.W.

0+2A- 94 Rt. = end conc. block wall.

24.6
4.3
10

5.23.9
5.0
4.9
9

24.0
5.6
94
B.W.

23.3
2.1
94
T.W.

26.8
2.0
94
End at wall

24.0
4.9
10

0+23⁵ 10⁴ Rt. = start Gar.
N.ly. Cor. Sing. Gar wdy. Ent.

0+00 = { 10' Rt. = Face of wall
= end A.C. Pavc. + Alley obs.
Ely. line sunset cliffs Blvd.

24.46
4.45
10
06

24.24
4.67
10
06

23.98
4.93

23.90
5.01
06
10

24.07
4.84
06
10

23.8
5.1
10
B.W.

26.9
2.0
10
T.W.

0-02 10' Rt. = start conc. block wall on top

0-10⁵ { 10' Rt. }
10' Lt. } = E.C. 15' Rad. cb. Rot.

24.36
4.55
10
06

23.87
5.04
10
06

23.54
5.37

23.41
5.50
10
06

23.97
4.94
10
06

0-12 = { 115' Lt. }
115' Rt. } = B.C. 15' Alley cb. Rot.

0-12 = Ely. cb. sunset cliffs Blvd.

25.13
3.78
50
06

24.41
4.50
50
06

24.36
4.55
115
06

23.67
5.24
112
06

23.52
5.39
28.91

23.29
5.62
115
06

23.87
5.04
115
06

22.47
6.44
50
06

23.10
5.81
50

0.78 28.91 - 28.13

N.W. B. P. Pescadero + Sunset Cliffs Blvd.

0+60 6⁸ Lt. = 3' wide rough conc. walk

24.9	24.75	24.7
5.8	5.99	6.0
20	10	6 ⁸

1+59 - 11⁵ Lt. = end conc. block wall.

29.1	23.6	24.7
1.6	7.1	6.0
T.W	11 ⁵	11 ⁵
	B.W	

T.P. 6.31 30.74 41.8 24.43

30.74

1+50

24.6	24.3	24.0
4.3	4.6	4.9
10		10

1+49. 11⁸ Lt. = start conc. block wall

28.1	23.7	24.6
10.2	5.2	4.3
11 ⁸	11 ⁸	11
T.W.	B.W	

1+00

24.3	24.2	23.9	24.0	23.2
4.6	4.7	5.0	4.9	5.7
15	10		10	25

0+95 - 9⁹ Lt. = end conc. drive

24.11
1.80
10
Apron

0+79⁵ - 10' Lt. = start conc. drive

24.99	24.12
3.92	4.79
47	10
Car. Floor	Apron

9⁸ Rt. = end conc. block wall.

0+50 9⁵ Rt. = pole # P.A. 4786

24.2	23.8	24.1	23.7	28.6	23.7
4.7	5.1	4.8	5.2	0.3	5.2
10		9 ⁸	9 ⁸	9 ⁸	15
		B.W	T.W		

28.91

2+15 8¹ Lt. = start picket fence

2+00 8¹ Rt. = pole # J.P.A. 4760

1+99 8^E Lt. = end fence.

1+95 21^E Rt. = end double Gar.

8¹ Lt. = start lath fence

1+87 9^E Lt. = end apron.

Conc. Floor No apron.

21^E Rt. = start double Gar.

1+75 9^E Lt. = start conc. apron to sing.

Gar. on left not in use

1+73 9^E Lt. = end apron.

Gar. not in use

1+64 9^E Lt. = start conc. apron to sing.

25.2
5.5
15

25.3
5.4
10

25.9
5.4
70

25.2
5.5
70

24.4
6.3
30

24.75
5.99
21^E
Floor

24.78
5.96
11^E
Floor

24.37
6.37
9^E
Apron

24.8
5.9
9^E
End

24.74
6.00
11^E
Gar. Floor

25.0
5.7
10
End

24.35
6.39
9^E
Apron

24.78
5.96
21^E
Floor

24.63
6.11
11^E
Gar. Floor.

24.6
6.1
10
Apron

24.64
6.10
9^E
Apron

24.69
6.05
11^E
Gar. Floor

24.7
6.0
10
End.

24.64
6.10
9^E
Apron

30.74

176 apron
2+93 - 16' Lt. = start Gar. Conc. Floor.

+92 16' Lt. = end board fence

+84 - 9' Lt. = A board fence

2+74 - 9' Lt. = start board fence.

2+73 - 10' Lt. = end conc. apron.

2+63 - 10' Lt. = start Conc. Apron to Sing. ^{Gar.}

T.P. 5.99 34.88 1.85 28.89

2+58 - 8' Lt. = end board fence.

2+50

House
9' Lt. = end (= sty. cor) Calif type
2+45 7' Lt. = start board fence

House on piers (21' x 28')

8' Lt. = start (= wly. cor.) Calif type
2+21 8' Lt. = end picket fence.

30.81
4.07
16
Floor

28.41
6.47
142
Floor

28.43
6.45
105
Apron

28.41
6.47
142
Floor

28.06
6.82
105

34.88

27.5
3.2
10

27.3
3.4

27.4
3.3
10

27.1
3.6
92
End

27.1
3.6
Floor
1000.1

24.9
4.8
82
End.

30.74

3+47 11' Lt. = end Conc. wall.

34.9	33.7
7.3	8.5
112	112
T.W.	B.W.
+ Ord.	

3+39 9' Lt. = Δ in conc. wall.

34.0	34.0	32.9
8.2	8.2	7.3
10	9.5	9.5
Ord	T.W.	B.W.
		42.20

T.P. 8.71 42.20 1.39 33.49

8' Rt. = Pole # P.A. 4746

3+24 9' Lt. = start 8" wide conc. wall

33.5	31.9	32.2
1.4	3.0	2.7
9.5	9.5	9.5
T.W.	B.W.	Ord

3+23 9' Lt. = 3' wide conc. walk

32.28	32.14	32.14
2.60	2.74	2.74
20	10	9.5

3+16 22' Rt. = Sing. Cor. Conc. Floor.

31.8	31.8
3.1	3.05
22	22
Ord	Floor

3+09 16' Lt. = end Cor. Conc. floor

30.95
3.93
16
Floor

3+00

30.88	30.9	31.0	30.6	30.8	30.9
4.00	4.0	3.9	4.3	4.1	4.0
16	16	10	on M.H.	10	15
Cor	Ord				
Floor					

34.88

4+16 - 9⁶ Lt. = end board fence

4+09 13² Rt. = ± 2⁵ wide Conc. walk

4+00

12² Lt. = end double Gar.

10' Lt. = end Conc. apron

3+74 9.2 Lt. = start board fence

3+63- 16° Rt. = ± Sing. Gar. dirt floor

3+54- 15² Rt. = ± Sing Gar. dirt floor

3+51- 10' Lt. = start conc. apron to double Gar.

3+50

3+49- 10' Lt. = ± 3' wide Conc. walk

38.2
4.0
15

38.2
4.0
10

37.1
5.1
6

36.9
5.3

38.04
4.16
13.9

38.1
4.1
20

37.6
4.6
10

37.6
4.6
15

35.64
6.56
12.3
Gar.

35.53
6.67
10
Apron

34.6
7.6
16
End
33.9
8.3
15²
End.

35.38
6.82
13
Gar floor

34.82
7.38
10'
Apron

34.6
7.6
10

33.6
8.6

33.8
8.4
10

35.10
7.10
20

34.99
7.21
13

34.70
7.50
10'

34.7
7.5
10

Alley BIK 41-0.B.

4+77 12⁵ Lt. = start conc. apron to double Gar.

4+76⁵ 22⁵ Rt. = start conc. apron to double Gar.

4+76 8⁵ Rt. = 6" Conc. wall.

4+75⁵ 10⁵ Rt. = end retaining wall.

4+58 10⁵ Rt. = start 6" wide retaining wall.

T.P. 7.47 47.92 1.75 40.45

+50

4+45- 9⁰ Rt. = Pole # J.P.A. 472C

+39- 9² Rt. = start board fence

4+38- 11⁸ Lt. = Sing Gar. dirt floor

44.12
3.80
19
Gar. Floor
42.90
5.02
12²
Apron

41.47
6.45
22⁵
Apron
41.59
6.33
2.44
Gar. floor

40.9
7.2
8⁵
B.W.
41.1
6.8
8⁵
T.W.
41.22
6.70
10
T.W.

41.1
6.8
10
Gravel
41.07
6.85
10⁵
T.W.
39.77
8.15
11²
west of wall.
Conc. slab

40.82
7.10
10⁵
T.W.
39.8
8.1
11²
Conc. south of wall

47.92

40.8
1.4
10

39.9

2.3

40.0
2.2
10

40.2
2.0
11.8

42.20

5+50 10³ Rt. = start conc. apron

5+48 - 10⁴ Rt. Pole # J.P.A. 4710

5+46 { 11⁵ Rt. = end (Ely. Cor.) Gar.
 10⁵ Lt. = end picket fence
 10² Lt. = start board fence.

5+26 = 11⁴ Rt. = Nly. Cor. west front Gar.

5+00 10³ Lt. = start picket fence

4+99 10³ Lt. = 6' wide conc. wall.

4+98 - 12⁵ Lt. = 3' wide conc. walk

22⁵ Rt. = end conc. apron
 4+96 12⁵ Lt. = end conc. apron

45.9	45.7	44.7	44.7	44.5	45.01	45.3
2.0	2.2	3.2	3.2	3.4	2.91	2.6
20	10	6		10	103	16
					Apron	Gar. floor

44.8
 3.1
 116
 end.

43.2
 4.7
 114
 end

43.08
 4.84
 185
 ≠ door

44.2	43.7	42.6	42.2	42.1	42.0
3.7	4.2	5.3	5.7	5.8	5.9
15	10	6		10	15

44.0	42.7	42.8
3.9	5.2	5.1
10 ⁵	10 ⁵	10
T.W.	B.W.	

44.27	44.09	43.08
3.65	3.83	4.84
30	19	125
on walk		

44.10	43.97
3.82	4.85
19	125
Gar. Floor	Apron

41.51	41.62
6.41	6.30
245	245
Apron	Floor

5+99⁵ 10⁸Lt. = end frame Bldg.

10⁹Lt. } start alley curbs
10⁵Rt. }

5+98⁴⁵ start Conc. Pauc

48.88	48.68	48.07	48.26	48.32
3.89	4.09	4.70	4.51	4.45
10	10		10 ¹	10 ¹
66	6		6	66

5+82 11¹Lt. = start frame Bldg. on piers.
10³Lt. = end board fence

47.5	47.4	46.8	46.5	46.7	47.2	47.2
5.3	5.4	6.0	6.3	6.1	5.6	5.6
118	10	6		9	10	12
at Bldg						

T.P. 6.01 52.77 1.16 46.76

52.77

5+69⁵ - 10' Rt. = 3' wide Conc. walk

46.23	46.49
1.69	1.43
10	16

5+68 10' Rt. = end conc. slab

46.20	46.14
1.92	1.78
10	16

5+63 - 9⁵ Lt. = 7' wide Conc. walk

46.9	46.58	46.37
1.0	1.34	1.55
15	10	95

5+58 10³ Rt. = end apron start
conc. slab.

45.21	45.3
2.71	2.6
103	16

47.92

Alley BIK A1 O.B.

4

32

1.23 56.41 (56.40) NE B.P. Ebers & Pescadero

T.P. 6.71 57.64 1.84 50.93

12⁵ RT } = E.C. Alley cl. Ret.
12⁵ LT }
6+10⁵ = Wly cl. 1146 Ebers

50.06	49.46	48.99	48.39	48.05	47.64	46.11	46.31	46.85
2.71	3.31	3.78	4.38	4.72	5.13	4.66	6.46	5.92
50	50	12 ⁵	12 ⁵		12 ⁵	12 ⁵	50	50
cl	G	cl	G		G	cl	G	cl

10¹ RT }
10¹ LT } = B.C. 2⁵ Rad. alley cl. Ret.
6+08

48.88	48.36	48.07	47.91	48.22
3.89	4.41	4.70	4.86	4.55
10	10		10	10
cl	G		G	cl

52.77

Roberts
Moore
Pullen
Aug 30, 1951
No. 31928

X-Sect. Alley Bk 2 City Htr.
Myrtle to Dwight
Between Boundary & Nile

TP 22 pg 7 T.P. 3537, Map 1007

INDEXED

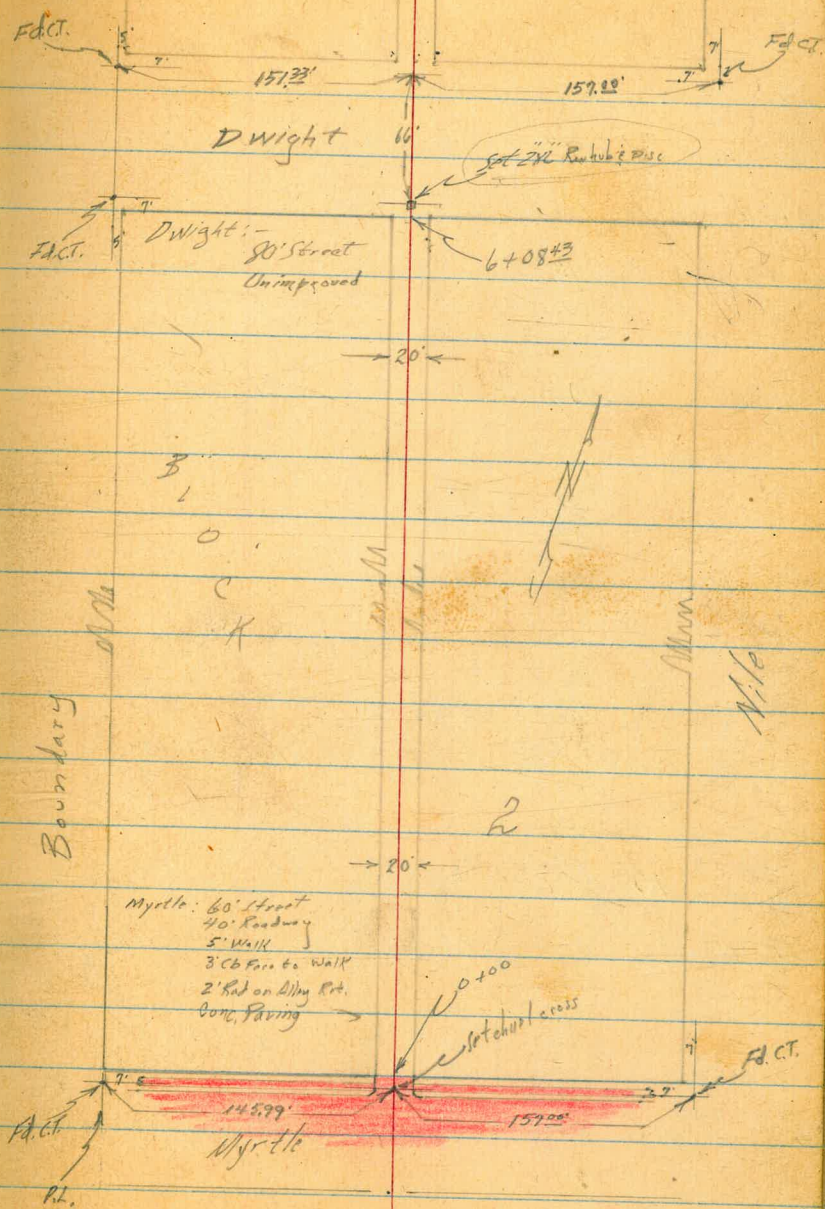
SEP 20 1951

Note:

E of Alley established by holding to
Map distance on Nile Side of
Block and throwing error
on Boundary side of the
block.

B.P.R.

Reduced by
R.W.D. 9-20-51



0+42 92' Rt End Wood Fence

0+34 92' Lt NE Cor. Bldg.

0+31 106' Rt begin 2nd Conc Walk parallel to E goes in the Apron of Garage.

0+28 102' Lt E Single Garage

0+25

0+00 102' Lt SE Cor. Bldg. North Line Myrtle End Conc Paving

0-02 106' Rt Begin Wood Fence

0-10 No. Curb Line Myrtle

E Myrtle

T.P. 466 320.50A 541
B.M. 410 321.25

315.84
317.15 NEBP

Dwight & N.A.

320.50A

318.05
2.45
10 3
cont

318.3
2.2
10 6
cont

319.7
2.8
10

317.8
2.7
10

318.0
2.5
10

316.27
4.23
10
cb

316.02
4.44
10
gut

315.70
4.80

315.99
4.51
92
gut

316.20
4.20
92
cb

316.5
4.0
12

316.37
4.13
48
cb

315.86
4.44
48
gut

316.22
4.28
12
cb

315.66
4.84
12
gut

315.56
4.94
10

315.55
4.95

315.58
4.92
10

315.62
4.88
12
gut

316.26
4.24
12
cb

315.51
4.94
52
gut

316.13
4.37
52
cb

315.97
4.53
98

315.83
4.67
48

315.60
4.70

315.58
4.92
52

315.53
4.97
102

(Opening on So.
to Near Side Garage)

1418 15⁰ Rt to Single Garage Parallel to Q
7³ Lt 4' Conc Walk

1400

0+93 11⁴ Rt End Fence

0+77 14' Lt & Double Garage

0+76 11³ Rt 2⁵' Conc Walk

0+72 11² Rt Begin Fence

0+66 11² Rt & Single Garage

0+60 7¹' Lt to Center Pole # PA3505

0+52 14² Lt & Double Garage

0+51 13⁶ Rt & Single Garage

T.P. 589 324/12A 2.27 318.23
320.50A

318.94
5.18
17
conc

319.07
5.05
72
conc

318.8
5.3
10

318.8
5.3

319.2
4.9
10

319.6
4.5
20

318.70
5.12
14
Floor
conc

318.66
5.16
12
conc
Apron

318.80
5.32
11³
conc

318.93
5.19
21²

318.59
5.53
11²
conc
Floor

318.0
6.1
14²
Floor
Dirt

318.1
6.0
10

318.2
5.9

318.44
5.63
10²
Apron

318.81
5.31
13⁶
Floor
conc

324/12A

1793 12" Rt & 18" Conc Walk

319.37
475
122
conc

1781 10" Rt & 14' Double Conc Drive

318.76
336
480
Floor

318.95
517
102
conc

1776 20" Rt & Single Garage

319.30
472
92
conc
Apron

319.79
433
202
Floor
conc

1764 21" Rt & Single garage

319.44
468
102
conc
Apron

319.89
423
212
Floor
conc

1760 7" Rt to Center PP/c *PA 3521

1758 10" Rt End Board Fence on Conc. Foundation

1750

318.6
55
35

319.0
5.1
10

319.2
4.9

319.4
47
85

319.4
47
10

1741 12" Rt & Conc Slab (May be prepared garage)

319.08
5.04
122
conc

1735 10" Rt End Garage Begin Board Fence on Conc. Fnd.

3709 { 82' Rt Begin Lath Fence
103' Rt End Picket Fence
95' Lt End Picket Fence

T.P. 756 328.10A 358 320.54

3700 191' Rt & Single Garage

2784 92' Rt Begin Picket Fence

2779 95' Lt Begin Picket Fence

2771 50' Lt & Double garage

2768 20' R&L Single Garage

2759 { 10' Rt End Fence
73' Lt to Center P.P/c # PA 3539

9' Lt End Board Fence

2750

2715 10' Rt Begin Wire Fence

2700 123' Rt to House

1794 10' Rt Begin Board Fence

324.12A

Lt

R

R 37

328.10A

319.9 319.4 319.5 319.4 319.39
4.2 4.7 4.6 4.7 4.73
25 10 10 10 192
conc Floor

319.72
4.40
30' conc Floor

319.47
4.65
20' Floor Conc

318.7 319.2 319.5 319.2 319.5
5.4 4.9 4.6 4.9 4.6
25 10 10 25

319.0 319.1 319.3 319.3
5.1 5.0 4.8 4.8
25 10 10

324.12A

Contd From Page 37

4400

3+87 66⁵ RT & Single garage

3+84 12² Lt & Single Garage

3+61 8⁵ RT End Lath Fence

3+60 7² Lt to Center P.P. # PA3577

3+55 23¹ Lt & Single Garage

3+50

3+47 13¹ RT & Single Garage

328.10 π

Lt

E

RT

38

321.5	321.4	321.3	321.58
6.6	6.7	6.8	6.52
25	10		84

321.75
6.3
12²
Floor
conc.

321.25
6.8
6.65
Floor
conc.

320.7
7.4
23²
Floor
conc.

320.7	320.3	320.2	320.5
7.4	7.8	9.9	7.6
25	10		10

320.7
7.1
13¹
Floor
Dirt

328.10 π

4472 10' L R & 2 1/2' Conc Walk

4471 10' R End Picket Fence on conc.

4465 11' L & Single Garage

4459 2 1/2' L to Center M.H.

4457 10' L R & 18" Conc Walk

4450

4432 10' R Begin Picket Fence on Conc Foundation

4424 13' R & Double Garage

4420 12' L & Single garage

4401 10' R & Single garage

328.10 T

328.10 T

322.9
5.2
10' Foot

324.14
3.96
10' Top

323.4
1.9
10' GRD

223.74
436
10' Conc

322.69
5.4
28
5.4
15

322.7
5.4
10

322.7
5.4
10

322.5
5.6
10

322.7
5.4
10

322.7
5.4
25

322.96
4.74
10' Top

322.0
5.1
10' Foot

322.2
5.9
10' GRD

322.18
5.72
12' Apron Conc

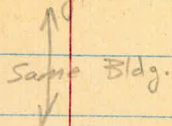
322.52
5.51
12' Floor Conc

322.28
5.82
13' Floor Conc

321.45
6.65
8' Conc Apron

321.58
6.52
10' Floor Conc

5727 9¹ RT to E Single Garage



5715 9² RT to E Single Garage

5710^E 9³ RT SW Cor. Garage

T.P. 3.07 329.61[⌈] 1.56 326.54 Fire Hydrant

5700

4792 14⁸ RT E Single garage 8' opening

4790

4784



4783 9° Lt to Center P.Pole # PA 3581

4735 10° RT to SW Cor House

328.10[⌈]

324.13
5.18
92
Floor CONC

324.09
5.32
92
Floor CONC

329.61[⌈]

323.4	323.4	323.5	323.8	323.5
4.7	4.7	4.6	4.3	4.6
20	10	10	10	25

323.75
4.35
14.8
Floor CONC

328.10[⌈]

6700

5769 98' Lt End Board Fence

5765 98' Rt End Lattice Fence

5759 98' Lt Begin Board Fence

5753 98' Lt & Single Garage

5750

5749 76' Rt & 3' Conc Walk

5732 95' Rt NW Cor. Garage 98' Rt Begin Lattice Fence

329.61A

Lt

Rt

Rt

41

324.4	325.8	324.7	324.5	324.4	324.2
3.2	3.8	4.9	5.1	5.2	5.4
20	10	5		10	20

324.99
162
98
Floor
conc.

324.6	324.2	324.3
5.0	5.4	5.3
10		10

324.42	324.43
5.19	5.18
96 walk conc.	196 conc

329.61A

Check

$$12.46 \quad 317.15 = 317.15$$

E Dwight

325.2	324.9	324.4	321.1	317.1
4.4	4.7	5.2	8.5	12.5
100	50	50	50	100

6+25

324.8	324.6	324.4	324.3	321.8
4.8	5.0	5.2	5.3	7.8
50	10	50	10	50

6+21 - 12° R+ to Center Fire Hydrant

6+08.43 Sky Line Dwight

327.0	325.6	324.7	324.5	324.5	323.0
2.6	4.0	4.9	5.1	5.1	6.6
50	10	5	5	10	50

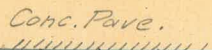
329.617

329.617

Garber
Shepard &
Bruener
Bryson

Nov. 13, 51
Cold-Cloudy-Rain
V.O. 23721

Boundary Survey
Donna Estates
Map. #501

Santa Isabel Dr. Conc. Pav. 
9+48.55

Fd. 7" Pipe
7+71.21

Fd. Nail
Mk'd. L.Pt.

Note - Fd. Nail at
Sta. 7+46.68
Indicates L.Pt. Rt.

Bonita Dr.

N42°40'10"E

Bonita Ave.

25' 25'

Fd. 1" Pin

25'

Fd. 1" Pin
Fd. 1" Pin
Sta. 0+00

N74°37'50"E

INDEXED
NOV 14 1951

43

6+00	12.19	191.20	9.0 7.5	182.2 182.6	8.5 6.5	182.7
5+00			3.9 8	175.5 175.8	3.8 7.5	175.6
4+00			10.4 10	169.0 169.4	10.1 8	169.3
3+00	11.59	179.93	2.0 9.8	165.9 166.4	1.6 7.0	167.84 ✓
2+00			3.9 9.0	164.0 164.1	4.2 8.5	163.7
1+00			7.1 9.5	160.8 161.1	7.1 7.5	160.9
0+00 (1. Pin)			10.3 9.0	157.6 157.6	10.5 6.7	157.4
5.78	167.91			157.6		157.4
0.03	174.28			157.6		157.4
0.23	186.53			157.6		157.4
0.34	198.45			157.6		157.4
0.37	210.41			157.6		157.4

Top F. Hy N/W
210.04 Cor. Bonita Dr
& Santa Isabel

10+20

0.95
207.85
3.16F.H.Y.
210.06 (210.04)-89
3
10

+89

206.67
4.34

+48.55 (conc.)

207.04
3.97
27.9206.55
4.46206.21
4.00
14.9

9+00

202.9
8.1
3203.0
8.0203.2
7.8
14

8.74

211.01

0.77

202.27

8+00

195.7
7.3
5196.0
7.0196.3
6.7
10

11.97

203.04

0.13

191.07

7+00

188.5
2.7
9188.9
2.3189.0
2.2
8

REDUCED 11-20-51, KUTALA

BOUNDARY LINE SURVEY
LAS ALTURAS VILLA SITES
Annexation Project

McIker
Pope
Huffman
11-29-51

No 20572

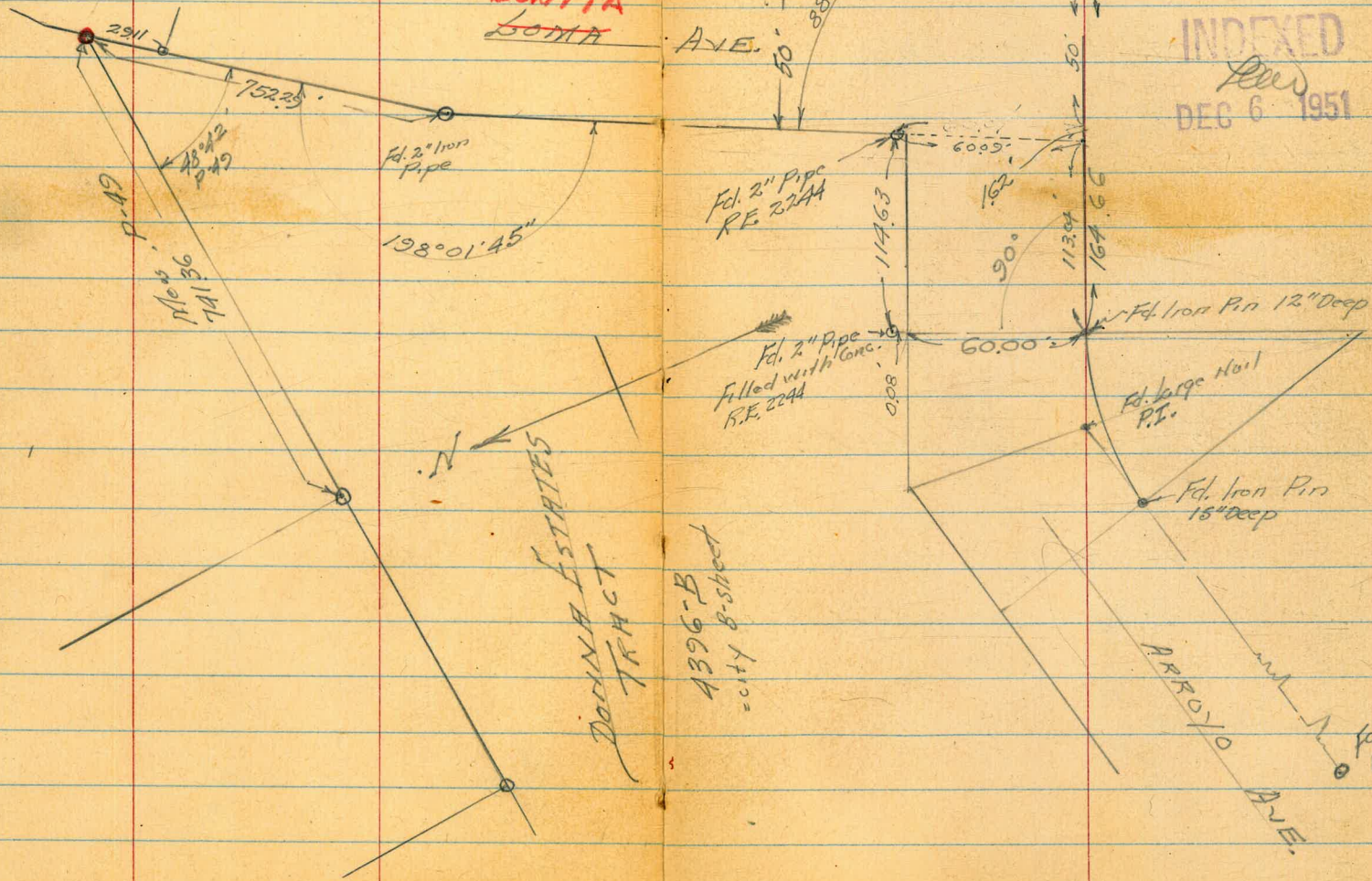
● = Standard City Mon Set

0+00 → Cont. P-49

BONITA
SOUTH

AVE.

INDEXED
DEC 6 1951



Donna Estates
TRACT

4396-B
= city 8-sheet

ARROYO
AVE.

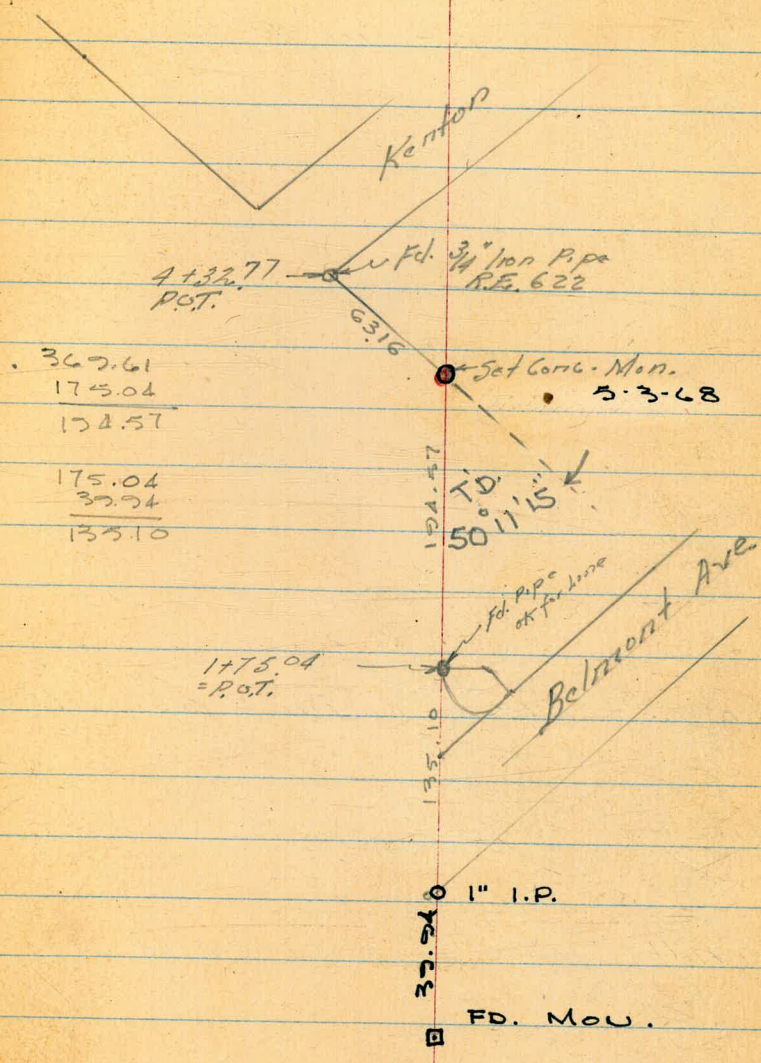
Las Alturas Villa Sites
Boundary Survey
Cont. from P-45

4 + 32.77 = P.O.T. Fd. 3/4" Iron Pipe

3 + 69.61 - Δ Lt 50° 11' 15" Set Conc. Mon.

1 + 78.04 = P.O.T. Fd. 3/4" Iron Pipe R.E. 622

0 + 39.94 Fd. 3/4" Iron Pipe 0.04' Lt of Line



LAS ALTURAS VILLA SITES
BOUNDARY SURVEY

Cont. from P-46

47

25.44
8+27.96 = Alt ^{20°14'} Fd Iron Pin 2' deep. Set Conc. Mon Flush

8+02.52 Fd 3/4" Iron Pipe RE 622 0.04 ft.

60.78
7+41.74 RE 622 Fd 3/4" Iron Pipe 0.04 ft.

Cont on
P-48

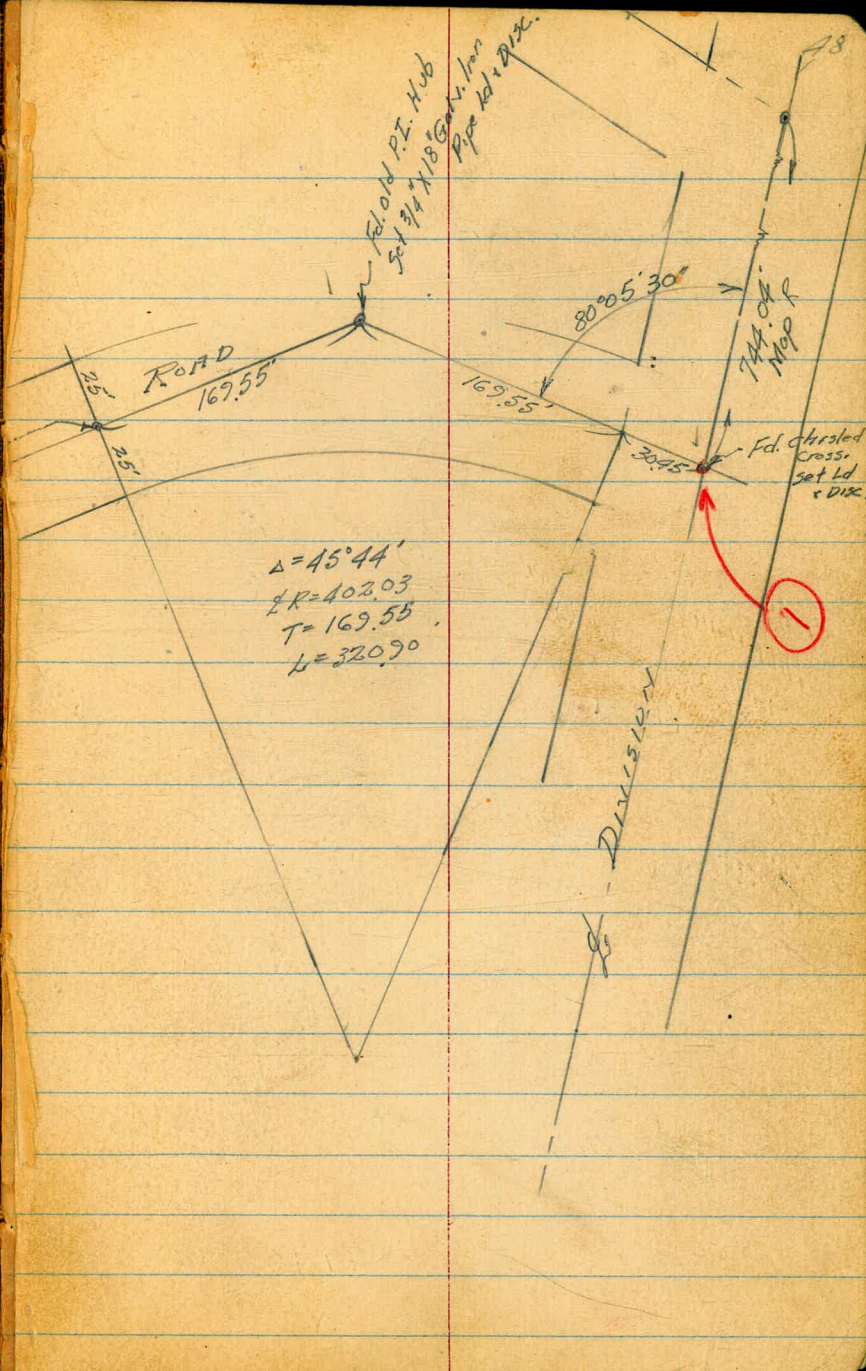
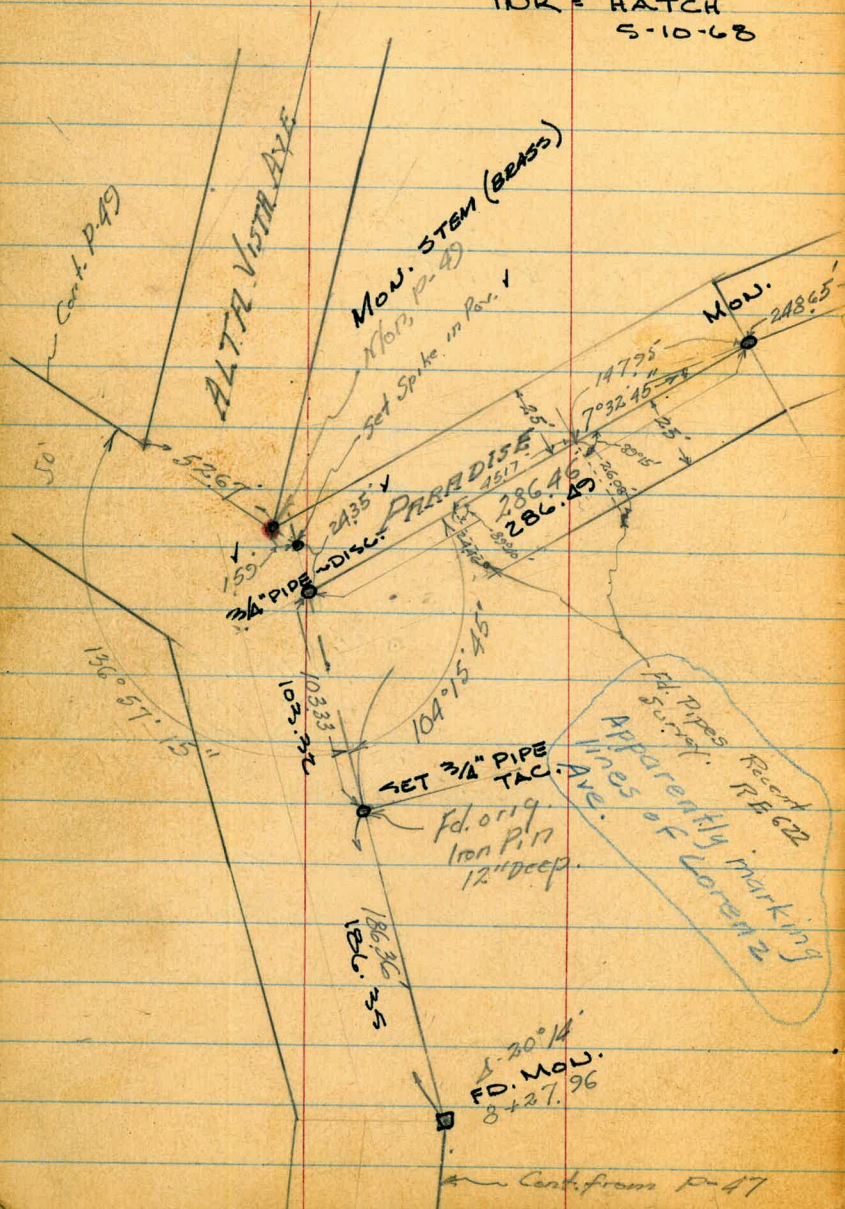
② 8+27.96
Fd Iron Pin 2' deep.
Does not look
very old.
Not original

③
See p. 56

See Page 56

LAS ALTURAS VILLA SITES
Boundary Line Survey

INK = HATCH
5-10-68

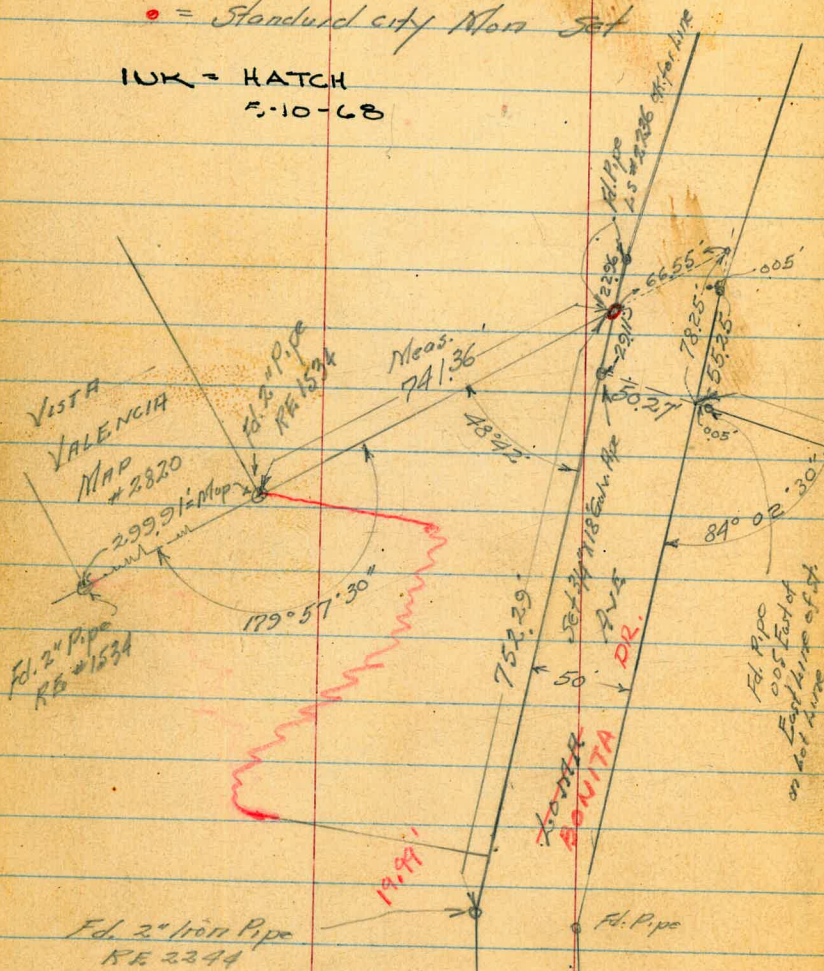


$\Delta = 45^{\circ}44'$
 $R = 402.03$
 $T = 169.55$
 $L = 320.90$

LOS ALTURAS VILLA SITES
Boundary Line Survey

• = Standard city Mon set

IUK = HATCH
5-10-68



Fid. 2" Iron Pipe
RE 2344

Cont P-45

Fid. Pipe
R.S. Map #877

INDEXED
DEC 6 1951

Fid. Pipe
R.S. #877
Replaced with
Std. Mon

Fid. Pipe L.S. 2334.
Replaced with Std. Mon

Meas. 362.24
Turned 73°02'

Fid. Pipe R.S.
Map #877
Replaced with Std. Mon

Fid. Pipe
L.S. 2334

P.O.T.

Fid. 3/4" Pipe L.S. 2334
R.S. Map #1787

Nothing Rel. to a depth of
Set Std. Mon. Y

ALTA VISTA AVE

Fid. Pipe L.S. 2334
2' below Pav.
Left in
Set Std. Mon
over same
STEM
ONLY.

Cont. from P. 48

1.55
2' SPIKE

X-Sect. Alley - 20' in Block 109
 Central Park - for Paving

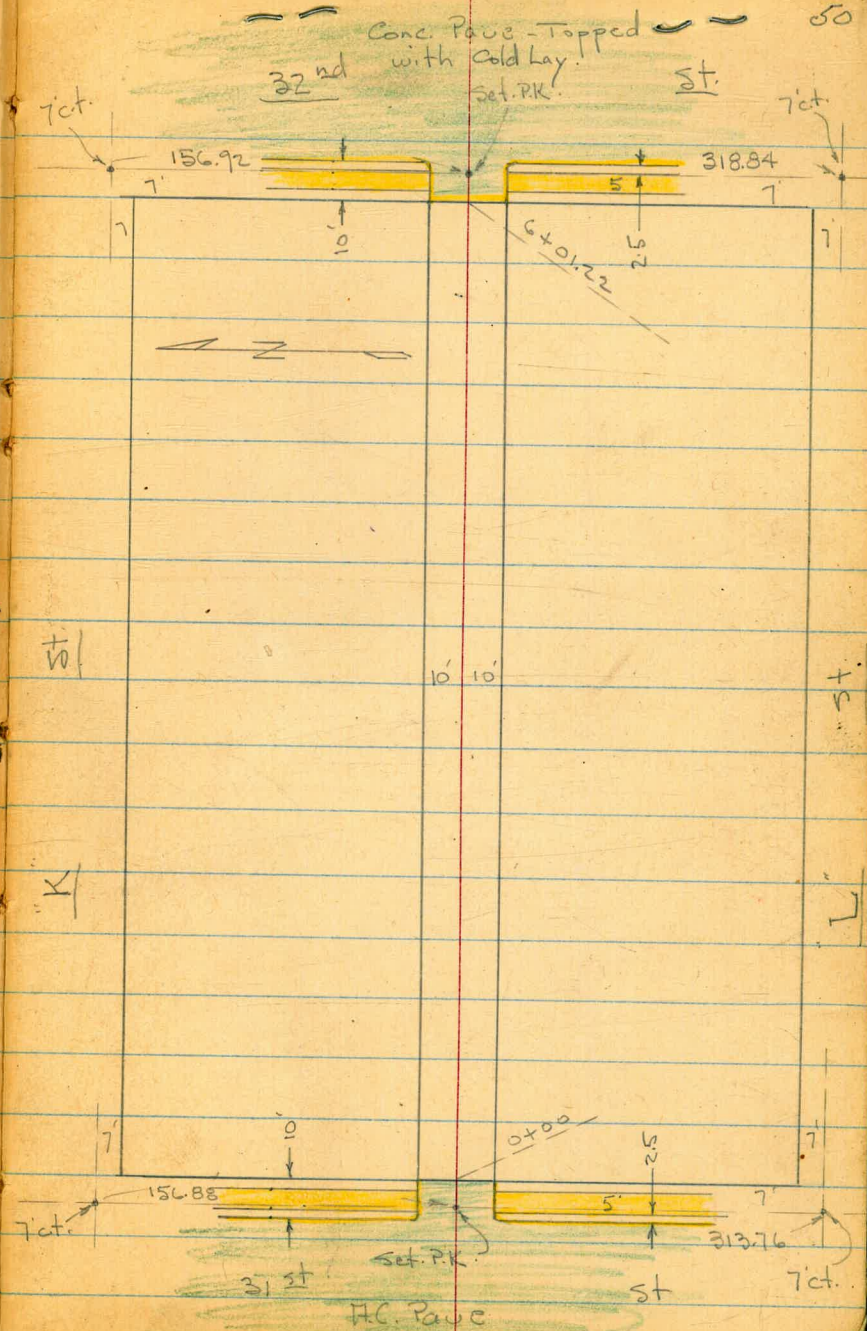
6696

12-15-52

7.0.

W.O. 31566

INDEXED
 C.R.P.
 DEC. 16 1952



X-Sect. 20' Alley - Blk. 109 - See Sketch - P. 50

1+33 - 11.6' Lt. = ± Sing. Gar. Conc. floor

1+19 - 9.2' Rt. = old door way in Shed

1+00

0+85 - 9.9' Lt. = ± P. pole # 301314-H

0+84 - 8.3' Rt. = end Gar. + Beg. Wood shed.
Dirt floor.

0+72.6 - 8.7' Rt. = end fence + Beg. Cor. Iron Gar.

0+50 - 7.6' Rt. = Beg. Stave fence

0+44 - 11.4' Rt. = ± Sing. Gar. Dirt floor

0+40.3 - 11.8' Lt. = Ely. Cor. of House - wood found.

0+16.5 - 11.5' Lt. = end Porch

0+04 - 11.6' Lt. = Beg. Conc. Porch.

0+00 = E.L. of 31st + curbs - Rods on edge
Edge of Alley is 0.25 E.

0-10 = E. curb of 31st

B.M. = N.E. B.P. 31st + K

78.49

Lt.

±

Rt.

79.40

11.6 = floor

79.1

9.2 = q

79.3

10

79.2

79.4

9.1 = edge of shed.

79.2 = ground

8.3

78.8

8.7 = floor

78.6

10

78.3

78.9

10

78.9

11.4

floor

80.93
floor

78.6

11.8 = ground

78.1

11.5

By
Conc.

78.1

10

77.5

77.6

5

78.2

10

78.5

11.2 = By
House

77.7

11.6 ground

77.60

Top
end. gut.

77.41

10
gut.

77.11

77.36

10
gut.

77.47

Top = end cb.

77.59

Top

77.01

50
gut.

77.37

Top
2 Rod.

76.87

10
gut

76.76

10
gut.

76.78

10
1 Rod.

77.26

Top
50
gut.

76.51

50
gut.

77.07

Top

Actual Elev. Shown.

3+44 - 9.5' Lt. = Beg. board fence

3+40 - 12.7 Rt. = \pm old Sing. Gar. Dirt floor. (not used)3+36.6 - 11.4' Lt. = \pm Conc. apron to Sing. Gar.

3+31 - 9.5' Lt. = end fence

3+25 - 9.8 Rt. = end fence

3+29 - 10.2 Rt. = \pm 16" Pepper tree

3+00

2+99.2 - 9.4 Rt. = end House + Beg. board fence

2+72.6 - 9.7 Rt. = end fence + Beg. Rough frame House

2+66 - 9.7 Lt. = Beg. board fence

2+58 - 11.8 Lt. = \pm Conc. apron to Sing. Gar.

2+51 - 10' Lt. = end fence

2+50 - 9.4 Lt. = \pm P. pole # J.P.A 3141 80.50 = Elev. of BM spike

2+09 - 9.2 Rt. = end Shed + Beg. Board fence

2+00 - 10.1 Lt. = Beg. Board fence

1+99 - 10.5 Lt. = end fence

8.1 - Rt. = shed.

1+76 - 9.6 Lt. = \pm P. pole # J.P.A. 3127

1+50 - 10.2 Lt. = Beg. Cyclone fence

1+48 - 8.5 Rt. = Ang. in shed.

1+35 - 9.7 Rt. = Ang. in shed.

Lt.

 \pm

Rt.

80.03
13.3
floor.

79.97

11.4 = apron

79.9

12.7 = floor.

80.2

9.5
fence

80.4

80.3

9.8
fence

80.3

9.5
fence

80.5

80.3

9.4

80.3

9.4 =
cor.

80.2

9.7 = at
cor.

80.38

13.6 = floor

80.22

11.8 = apron

80.1

10

80.1

80.1

9.1 = fence

79.8

10

79.7

80.0

8.7 = shed.

79.4

10

79.3

79.5

8.5 = shed.

79.7

8.1 = gr.

79.5

8.5

gr.

79.6

9.7 = gr.

5+39- 11' Rt. = ⌘ Sing. Gar. Conc. floor
 5+23- 10.9' Rt. = ⌘ Sing. Gar. Conc. floor
 5+06- 13.7' Rt. = ⌘ Sing. Gar. Conc. floor
 5+01- 9.7' Lt. = end board + Beg. picket fence
 5+00

4+80.4- 9.3' Lt. = ⌘ P. pole # J.P.A. 3177
 4+61- 9.6' Lt. = end shed. + Beg. old board fence
 4+55.5- 10.6' Rt. = ⌘ Sing. Gar. Dirt floor
 4+51.5- 9.7' Lt. = Beg. old wooden shed.
 4+50

• 4+31- 12.1' Lt. = ⌘ Sing. Gar. Dirt floor
 4+30- 10.9' Rt. = ⌘ Sing. Gar. - Dirt floor
 11.1 - Lt. }
 4+25- 10.5' Rt. } = end fence

4+00- 10.1' Rt. = end shed. + Beg. board fence
 3+87- 10' Rt. = end wire fence + Beg. Wood shed.
 3+82.5- 9.1' Lt. = ⌘ P. pole # J.P.A. 3157
 3+82- 9.8' Lt. = Beg. board fence

3+75.5- 11.8' Lt. = ⌘ Conc. apron to Sing. Gar.
 3+70- 9.7' Lt. = end fence

3+50- 9.4' Rt. = Beg. wire fence - poor cond.

Lt. ⌘ Rt. 53

79.00
 79.08
 10.9
 floor 80.06
 13.7 = floor
 79.7 79.7 79.9 80.0
 9.7 = fence 10 13.5 = By Bldg.
 79.9
 9.6 = Cor.
 79.7 79.7 79.8
 9.7 = Cor. 10 10
 80.0
 12.1 = floor
 79.4
 10.9 = floor
 79.6 79.6 79.5
 9.8 fence 10
 79.79 79.76
 13.5 floor 11.8 = apron
 79.4 79.6 79.6
 9.6 = fence 10

Lt.

#

Rt.

54

check B.M. = N.W. B.P. 32nd + K" 81.52 81.52 = Bookcheck B.M. = S.W. B.P. 32nd + L 76.90 77.05 = BookINDEXED
C.R.P.
DEC 16 1952

6 + 11.22 = W. cb.

79.63	79.65	79.92	79.16	79.12	79.28	78.64	79.04
50 gut in Dr.	Top sq. Cor.	10 gut		10 gut	Top 2' Rad	50 gut	Top

10.4 Lt. = end fence

6 + 01.22 = W.L. of 32nd + edge of Pavc. + cbs.

79.96	79.75	79.33	79.59	79.64
Top = end	10.1 gut		.10 gut	Top

5 + 50

Blocks 1' square

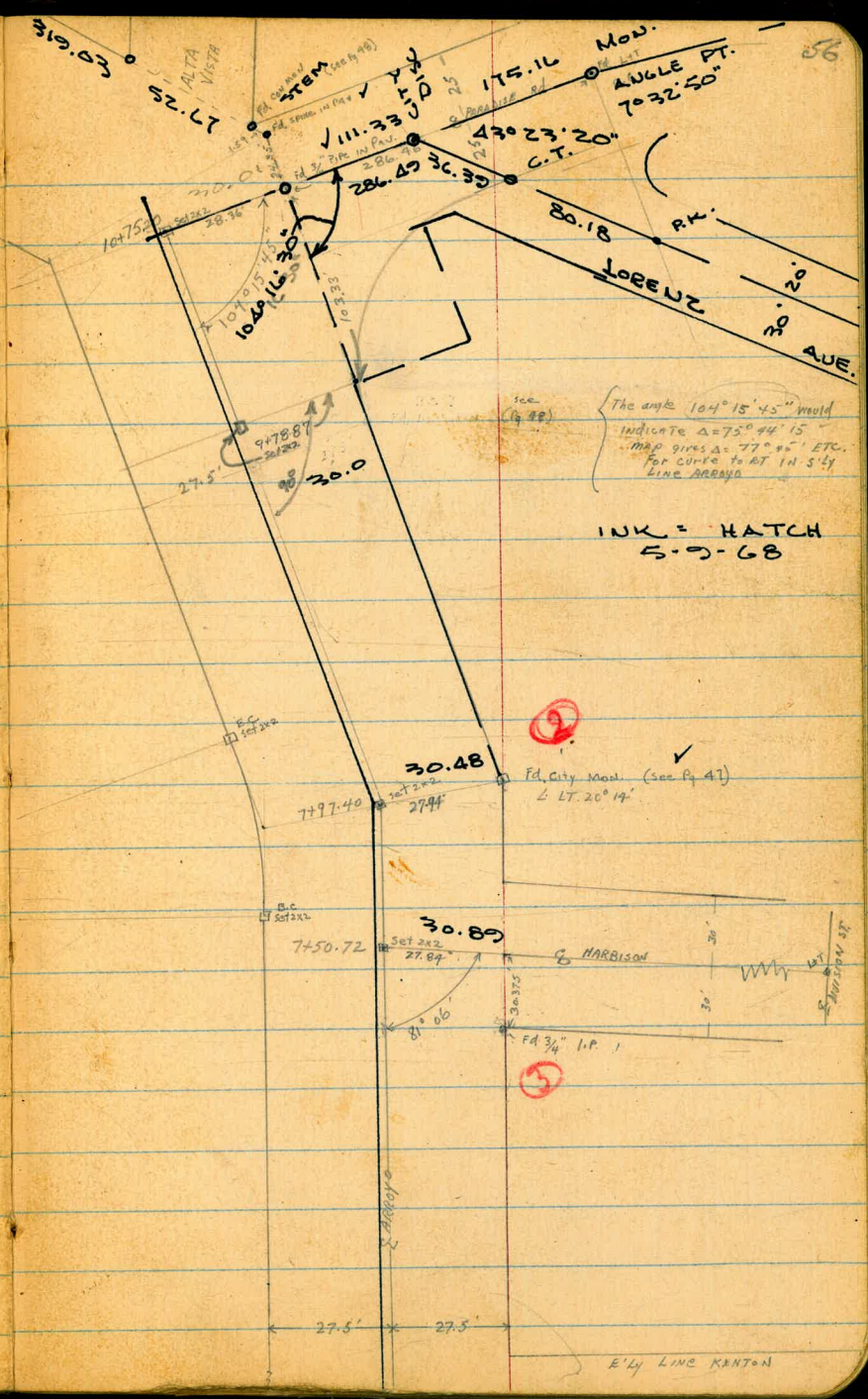
79.6	79.7	79.5
10.1 fence		10

Note: - Picket fence on Lt. Has posts set in Conc.

X SECT. ARROYO AVE (CONT)

$\frac{175.11}{111.44}$ $\frac{175.16}{111.33}$
 286.55 MAP 286.42 = CITY

(46480)
 $R = 220.0$
 $\Delta = 20.4$
 $TAN = 39.25$
 $\phi T = 44.16$



The angle $104^{\circ} 15' 45''$ would
 indicate $\Delta = 75^{\circ} 44' 15''$
 MAP gives $\Delta = 77^{\circ} 45'$ ETC.
 For CORRE TO AT IN 5'LY
 LINE ARRAYS

INK = HATCH
 5-9-68

E'LY LINE KANTON

X. SECT. ARROYO AVE:

LOMA AVE TO PARADISE RD.

INDEXED
FEB 27 1938

1400

0+81.4 E 1/4 CB Line Belmont (rolled CBS) (CB. Sect. // to Belmont)
0+60
0+55.75 E Belmont - taken Pav. (Section // to E Belmont)

0+50 Sect. AT RT. 1/2 to E ARROYO

0+29.1 3/4 RT to END CB, N 1/4 Ch Line Belmont (rolled CBS) Sect // to Belmont

0-00-88: E 1/4 Line Loma

0-25.4 = E Loma Ave + Edge Pav. along Loma Sect along Line Loma

6.29 166.02 7.09 159.73

0.28 163.82 12.29 163.54

0.14 175.83 12.17 175.69

1.53 187.86 12.00 186.33

0.32 198.33 12.29 198.01

B.M. 0.26 210.30 210.04
Tp. F. H. D.
N.W. BONITA AVE
+ SANTA ISABEL

LT.

RT.

162.0
4.0
50

162.0
4.0
27.5

160.4
5.6

159.5
6.5
27.5

101' RT to END CB.

on E 1/4 side Belmont not in all the way to skyline arroyo #573659H

161.4
4.6
50

161.2
4.8
27.5

160.5
5.3

160.9
5.8
27.5

160.8
5.2
75

160.4
5.6
27.5

160.4
5.6

159.7
6.3
27.5

160.0
6.0
75

8.61
975
Pav

6.76
27.5
Pav

6.23
Edge Pav

6.3
27.5
MT

6.9
75.0
Flat

166.02

ARROYO (Cont.)

3+76 22' RT & Pole 573663-H

3+60 27.7 RT # END CONC. WALL AT 90° to F. TANG.

3+56.76 20 RT AT RTLS to F. TANG. & Deadman
(For Loc. of House see opp Page)

3+56.76 30.45 RT on Diag. to CONC. BK. WALL 5' high
along LAT. LINE

T.P. 8.78 171.35 3.45 162.57

3+56.76 = 1/2 PT. LT. 50° 11' 15" X-RT AT RT & BK. TANG.

3+45 24' 45" Pole 573662-H

3+00

2+50

2+14 37' RT to N.E. Cor. House

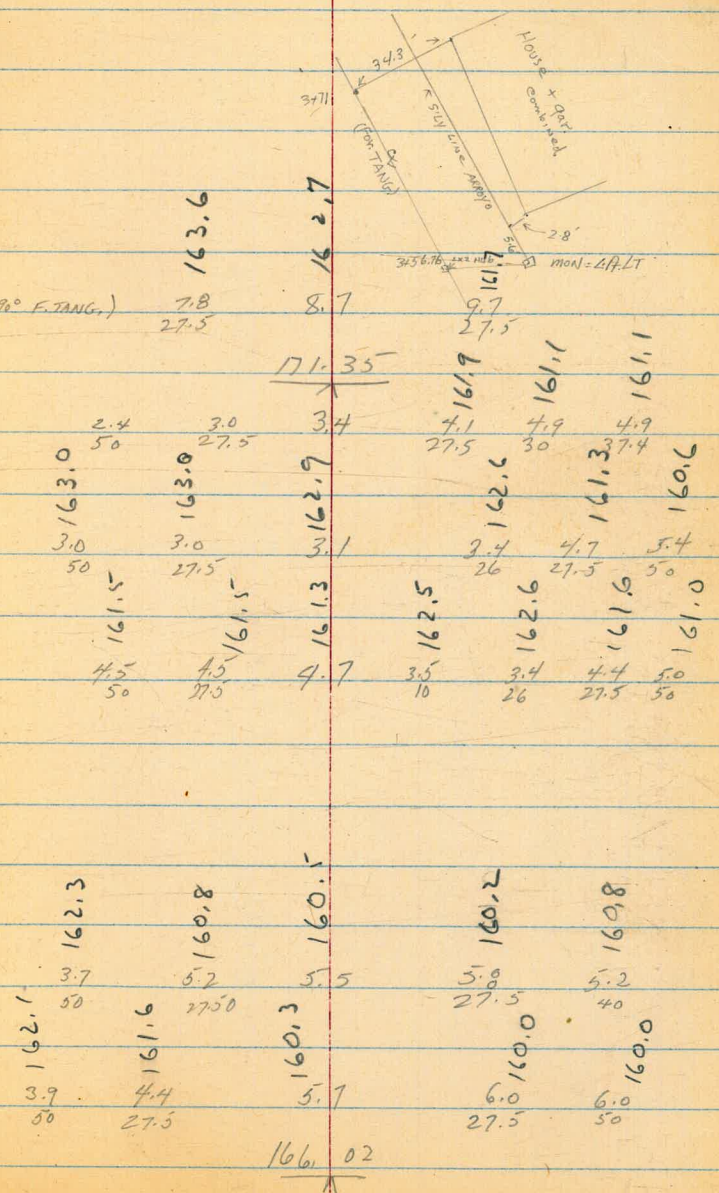
2+01 23.4 LT & Pole 573661-H

2+00

1+86 53.6 RT to N.W. Cor. House

1+50

LT. E RT.



ARROYO (cont.)

LT.

Rt.

Rt.

8+50			2.7	2.3	1.0	0.5	+1.4	+3.8	+3.2
			50	27.5		24	27.5	33	50
			176.80	177.5	178.8	179.3	181.2	183.1	183.0
7+97.	18.5 RT E Pole # 573667-H, 26' RT to Dead-MAN L RT LT Sect at 90° F. TANG.		3.0	3.0	2.3	0.5	+3.0	+3.7	
			50	27.5		22.4	27.5	35	
			176.75	176.9	177.5	181.8	183.3	183.5	
7+97.	L LT 20° 14' Sect. at 90° BK. TANG.		3.1	2.9	2.3	+2.0	+3.5		
			50	27.5		27.5	50		
			176.9	176.9	177.5	181.8	183.3	183.5	
7+73.2+	26.2 RT to END CB E LY CB LINE HARRISON		2.9	3.3	3.4	3.20	2.93	3.66	3.36
			50	27.5		6.77	TR	20.70	17.00
			176.4	176.2	176.0	176.2	176.2	176.2	176.47
7+50.72	27.5 RT to Broken edge Pav E HARRISON - taken Pav. Sect Along E		3.4	3.6	3.8	3.6	3.6	3.6	
			50	27.5		27.5	50		
			176.4	176.2	176.0	176.2	176.2	176.2	
7+33	22.3 LT. E Pole # 573666-H								
7+28.2+ - W/Ly CB	26.2 RT to end CB LINE HARRISON Sect. // to CB. LINE (roll-type CBs)		3.2	4.9	4.6	4.26	4.00	4.68	4.40
			50	27.5		26.2	26.2	26.2	26.2
			174.5	175.1	175.2	175.1	175.1	175.1	175.1
7+00			5.3	6.7	7.7	6.2	4.7	4.3	
			50	27.5		13	27.5	50	
			174.7	175.3	176.1	173.6	175.1	175.1	175.1
6+50			5.1	7.5	9.7	9.0	7.6	6.3	
			50	27.5		23	27.5	50	
			174.8	175.1	175.2	170.8	172.2	173.5	

179.83

ARROYO (cont.)

LI E RT

chk. 148 210.04 - 210.04 =

T.P. 5.91 211.52 1.93 205.61

T.P. 12.02 207.54 0.24 195.52

T.P. 12.35 195.76 0.66 183.41

Tp. F.H.D. N.W. Bonita Ave
9 SANTA ISABEL.

10+75-20 = E Paradise Rd (section along E. Pac. Rd.)
oil - Pav

172.4 173.7 176.1 178.4 179.9 180.97 183.36

11.7 9.4 8.0 5.7 4.2 3.10 0.71

50 28.4 9 28.4 50 50 100

0.1st Pav

10+44.4 ± W/4 Line Paradise Road

10+35 33.3 RT Deadman Pole (Anchor)

10+00

171.1 174.1 177.1 180.1 180.9 182.1

13.0 10.0 7.0 4.0 3.2 2.0

50 28.4 75 28.4 50 75

9+67 23 RT E. Pac # 373668-11

172.1 174.4 175.3 177.0 177.4 180.2

12.0 9.7 8.8 7.1 6.7 3.9

50 27.5 8.0 27.5 36 42

172.7 173.2 175.1 176.2 177.7 180.3

11.4 10.9 9.0 7.9 4.4 3.9

50 27.5 175.1 27.5 34 50

175.5 175.0 176.1 177.9 182.7 182.5

8.6 9.1 8.0 6.2 1.4 1.6

30 27.5 8.0 27.5 36 50

9+50

9+00

T.P. 7.20 184.07 2.96 176.87

184.07

Clark
Shepherd
Brumer
Oweil

W.O. 20006
3-31-53

ALLEY BIK 51 CITY HTS.

ADDIT. LEVELS - See PAGE 7

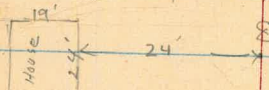
Note: All outs From ALLEY
SAME STATIONING USED here as on Storm
DRAIN Survey - See Pg 7

chk: 347.10 = 347.09 (See R.M.)

INDEXED
Law
APR 1 1953

17+88

24' LT to Wly side house on RAISED FDTN



340.17
24
New Floor elev.
House

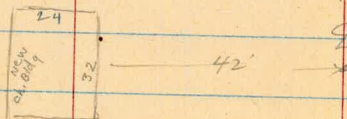
17+61



334.80
1284
2" Line
stub pipe

16+93

42' LT to Wly FDTN - Church ADDIT. $\frac{1}{2}$



$\frac{1}{2}$ ALLEY

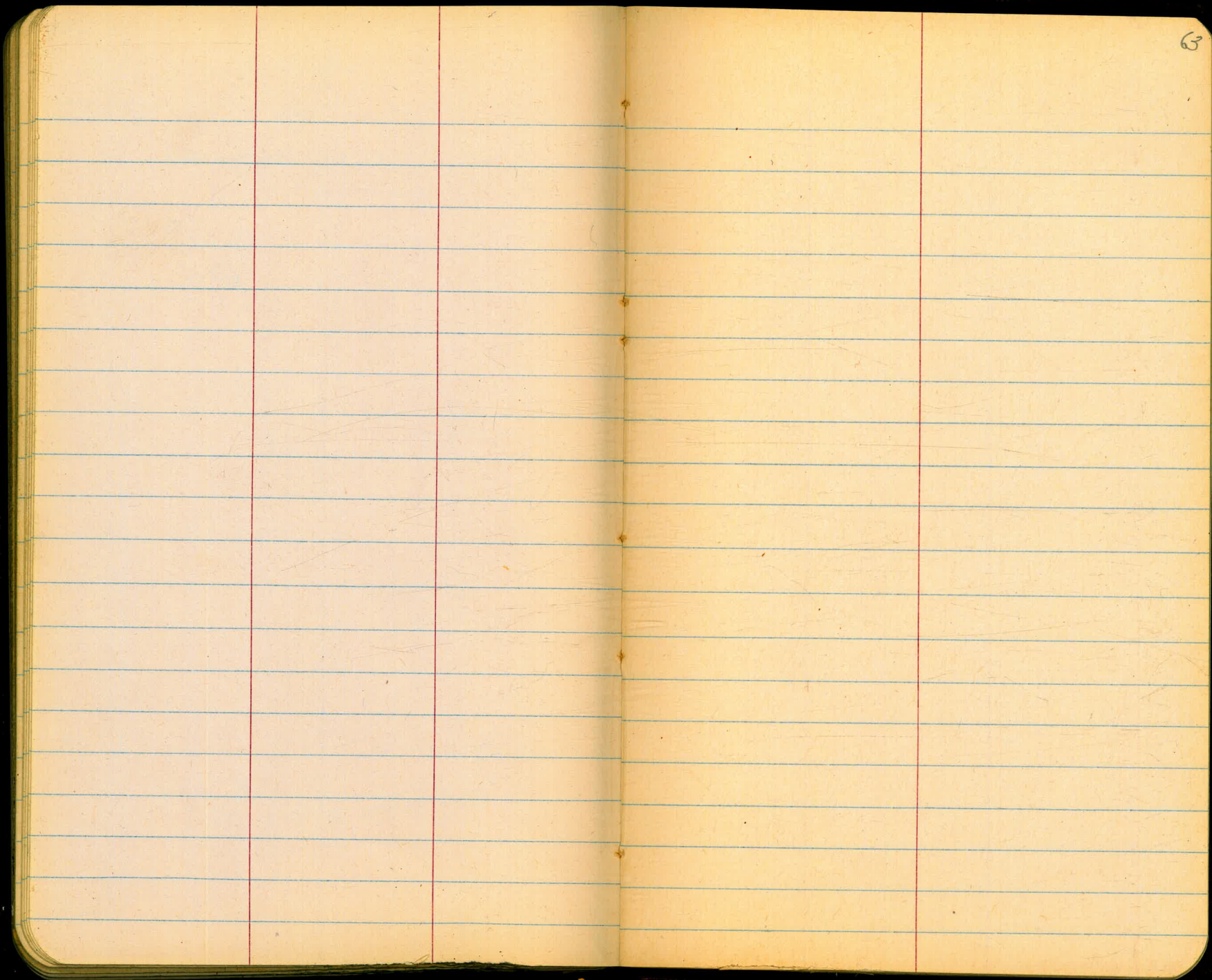
337.54
42
TP. FDTN

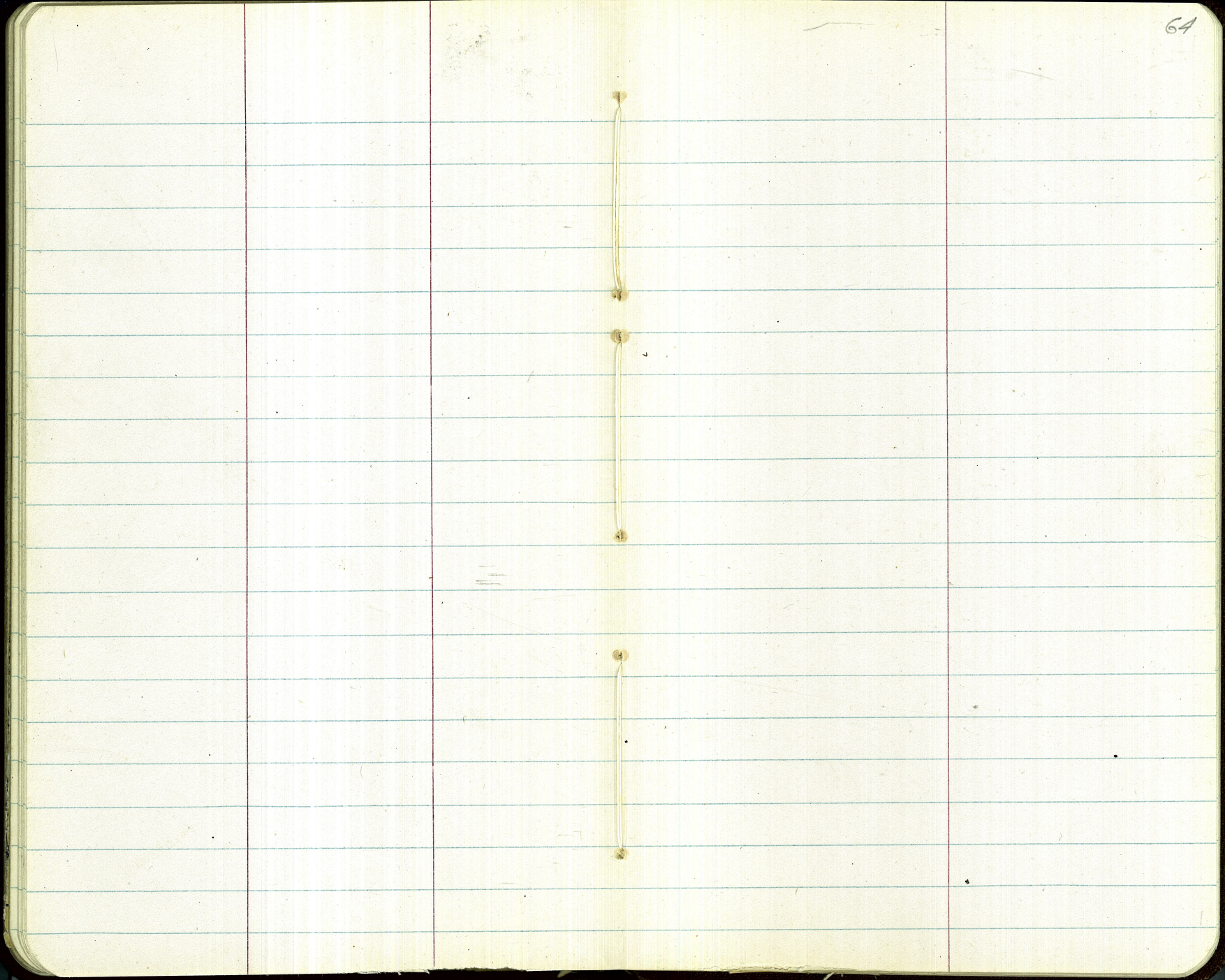
(FDTN completed - NO Further Const under way)
impossible to get Floor Elev.

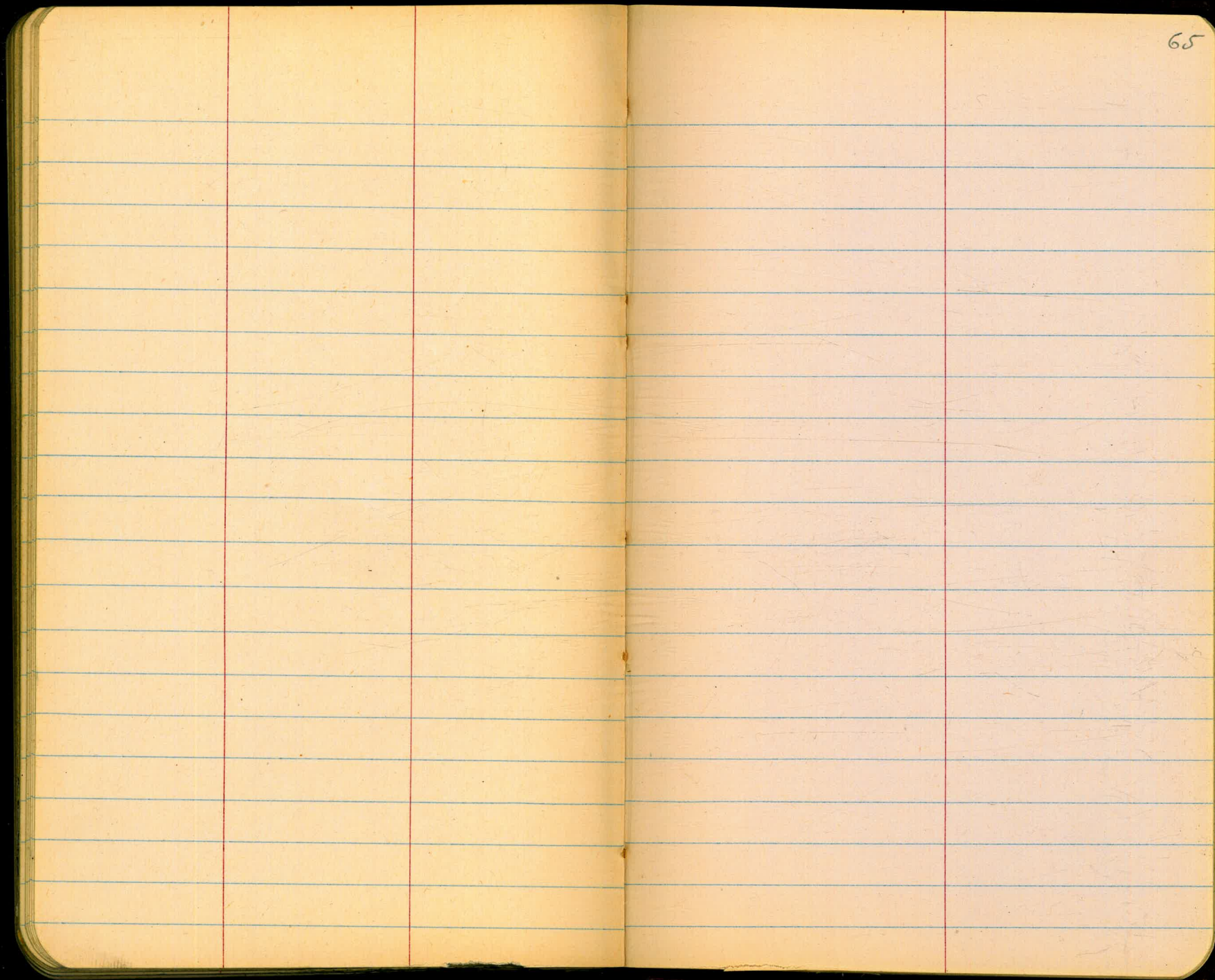
B.M.

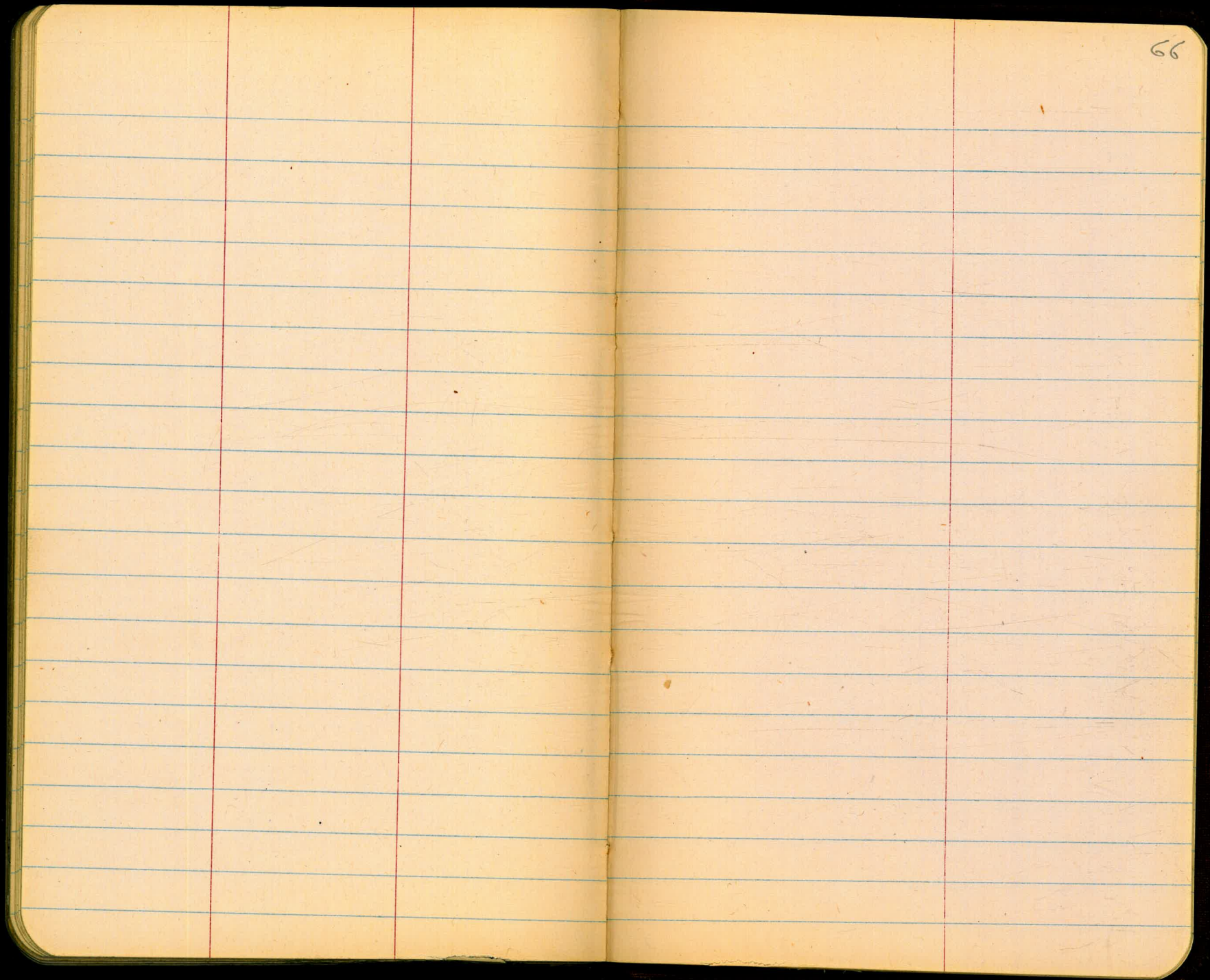
Dir. Elev. Rod:

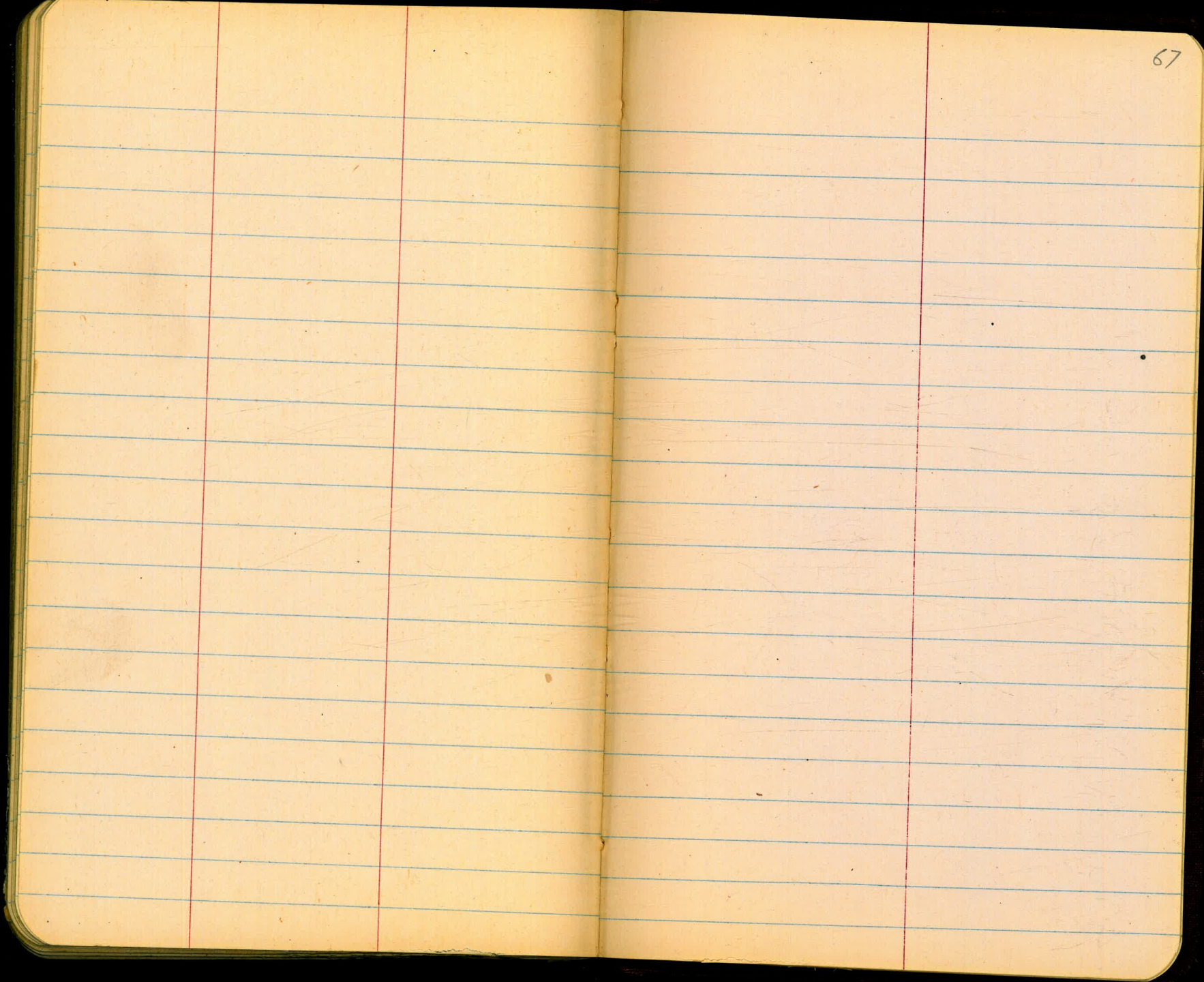
347.09 = N.W. B.P.
MARIBOROUGH + WIGHTMAN

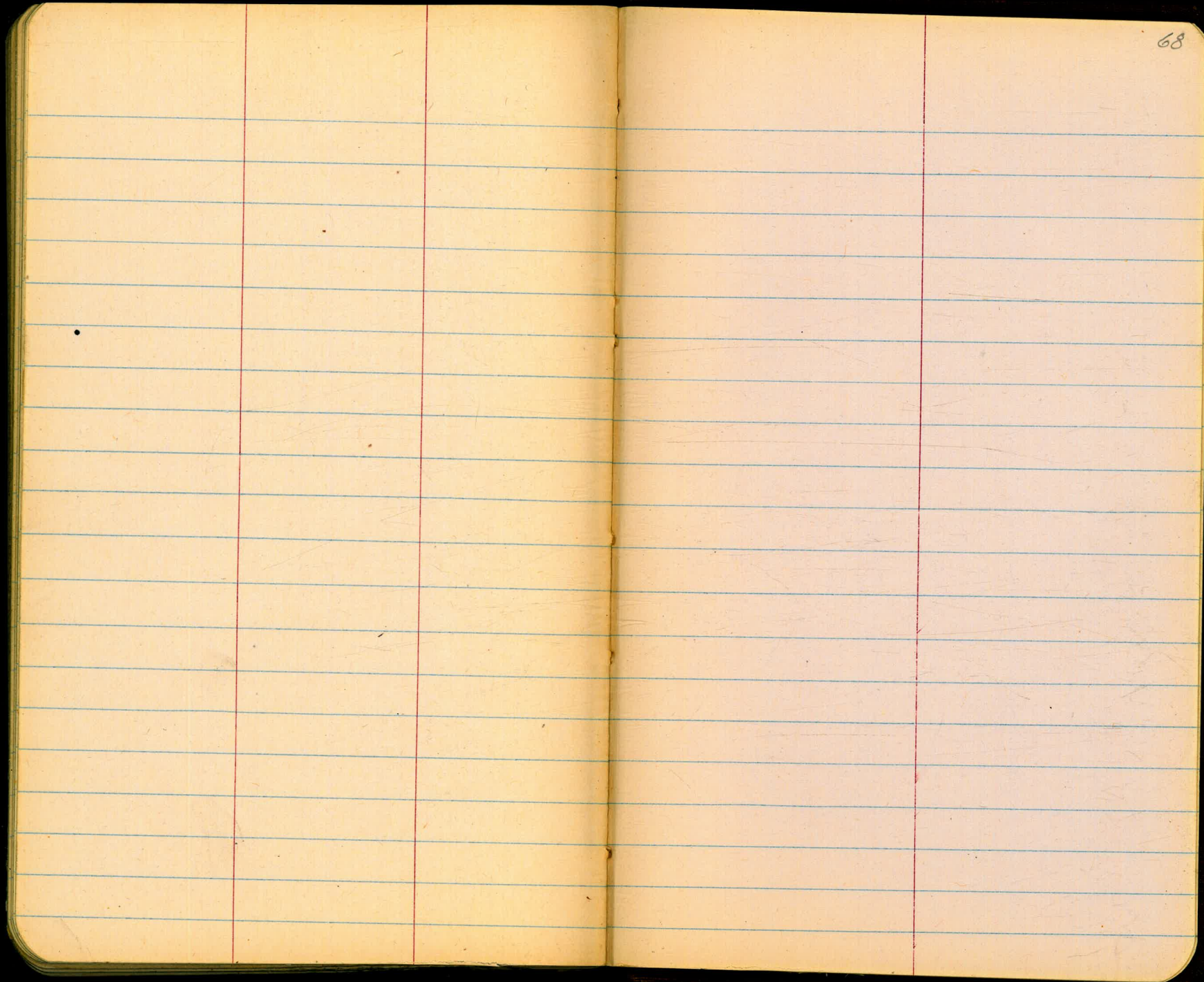


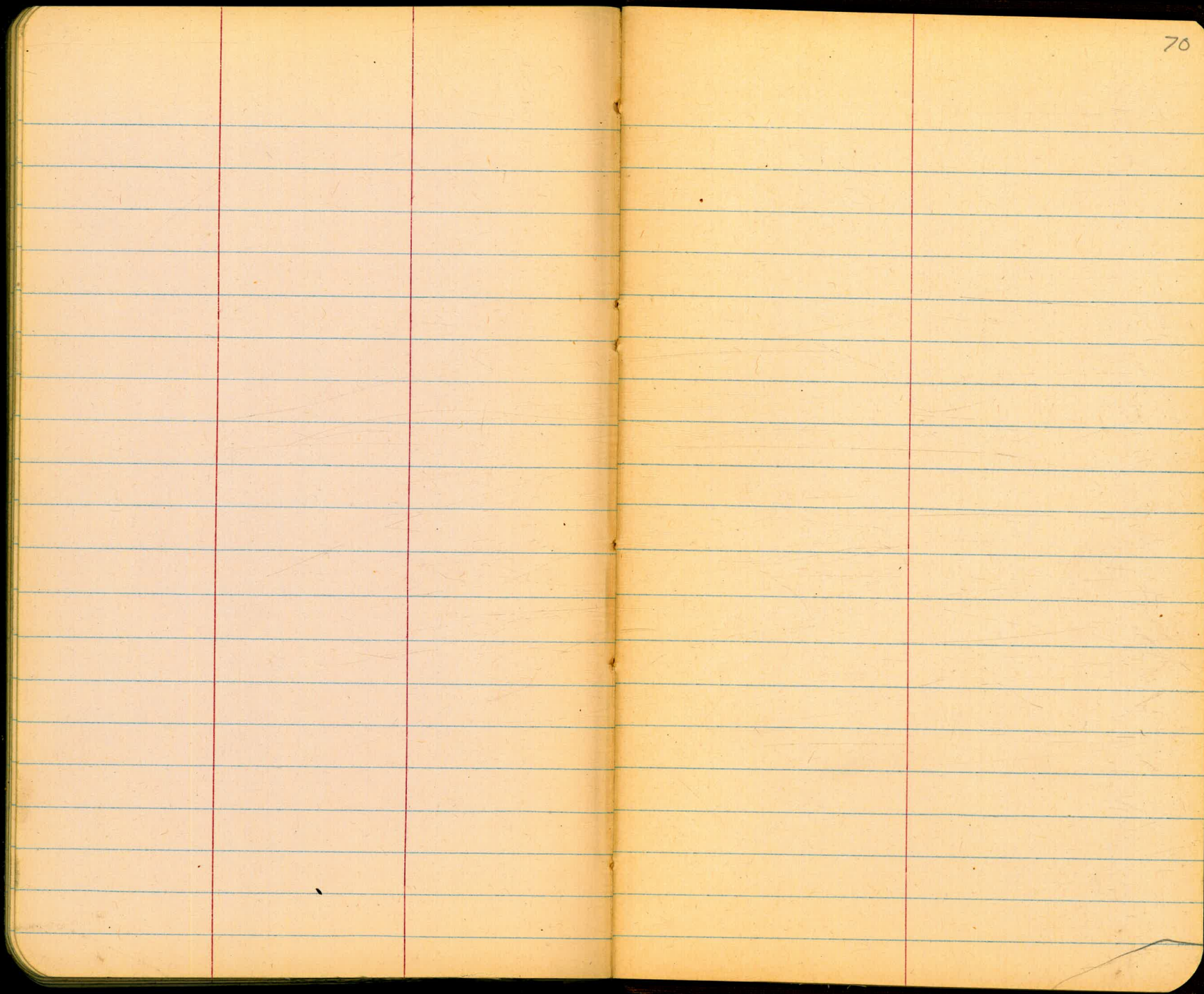


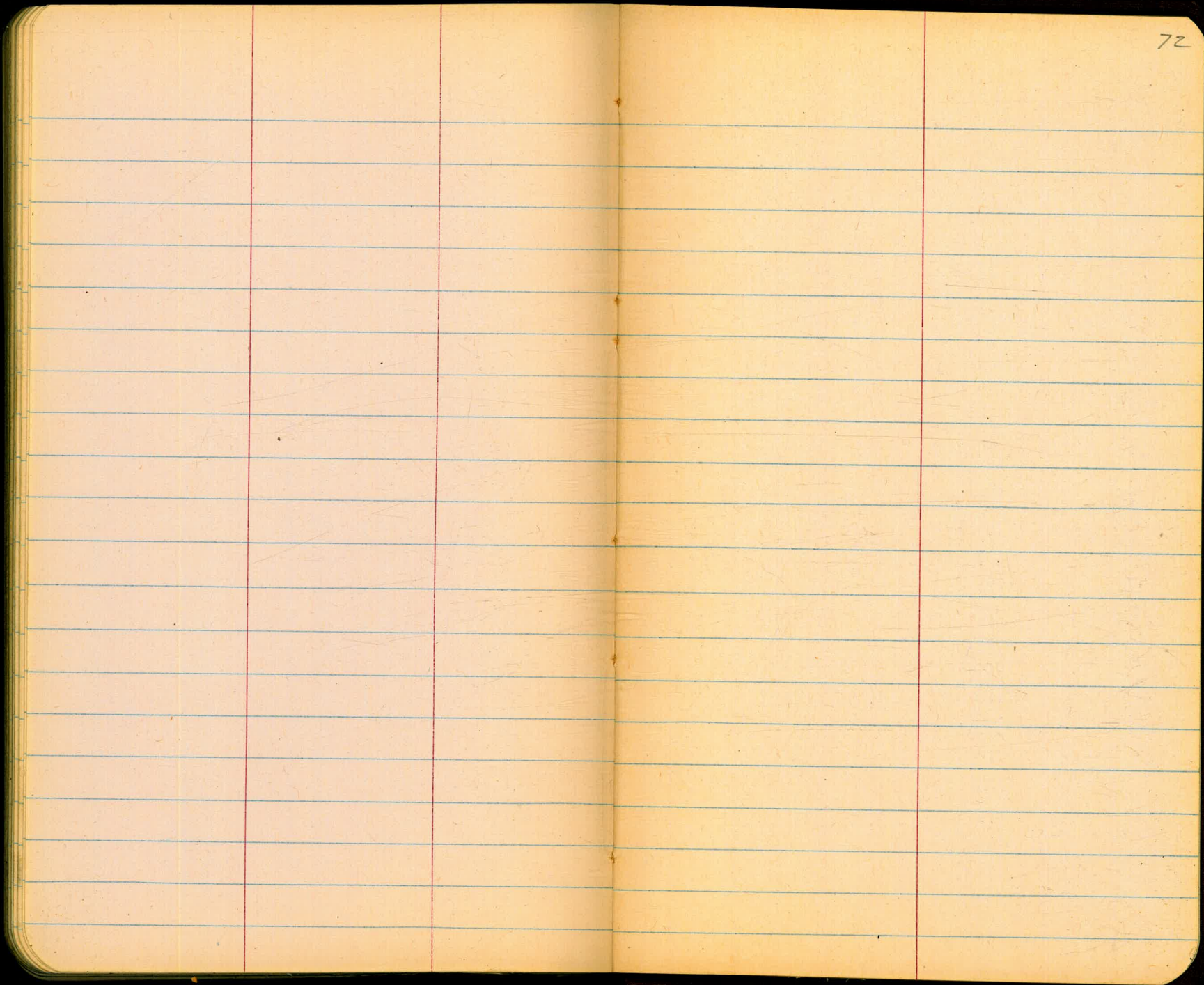


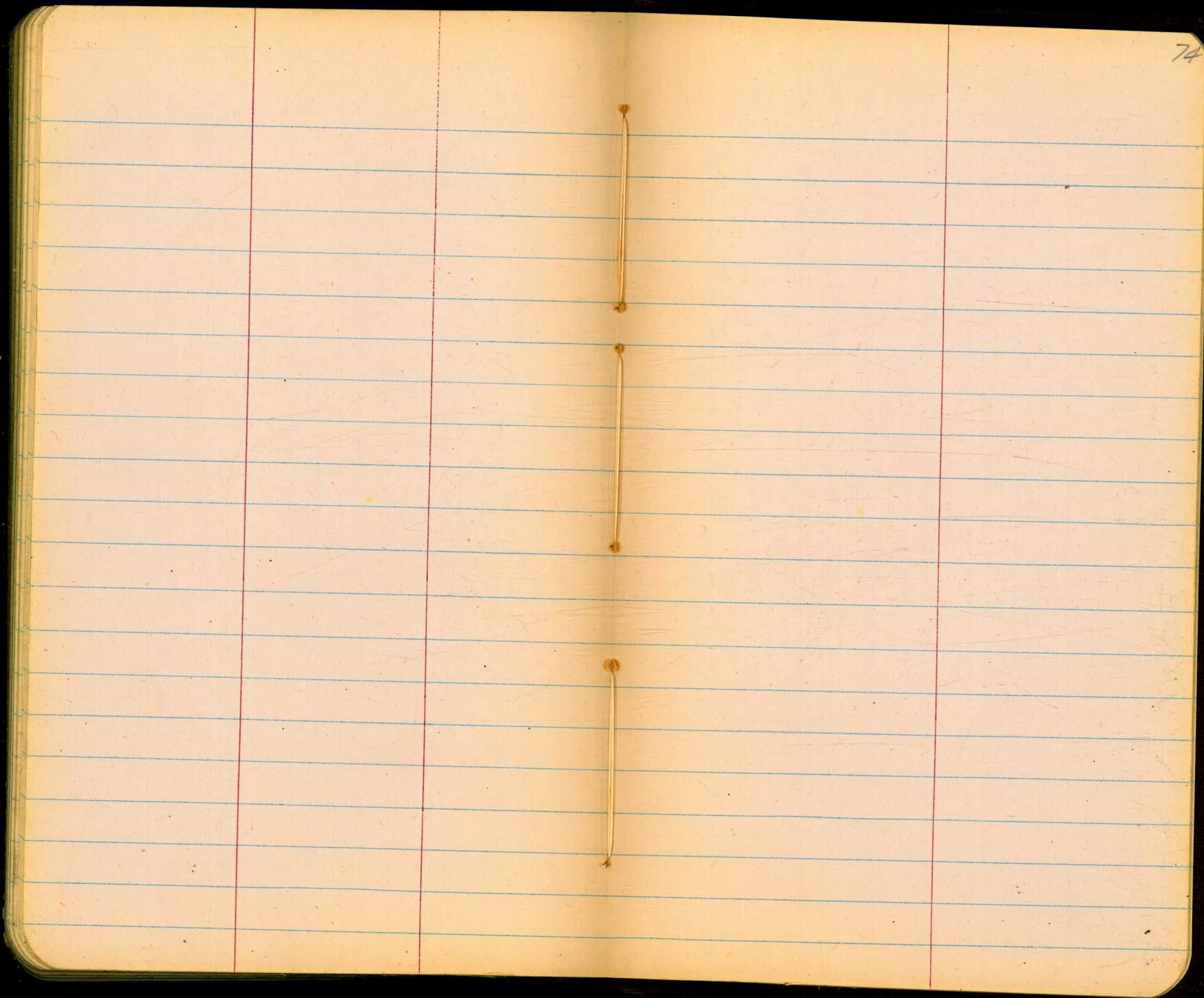


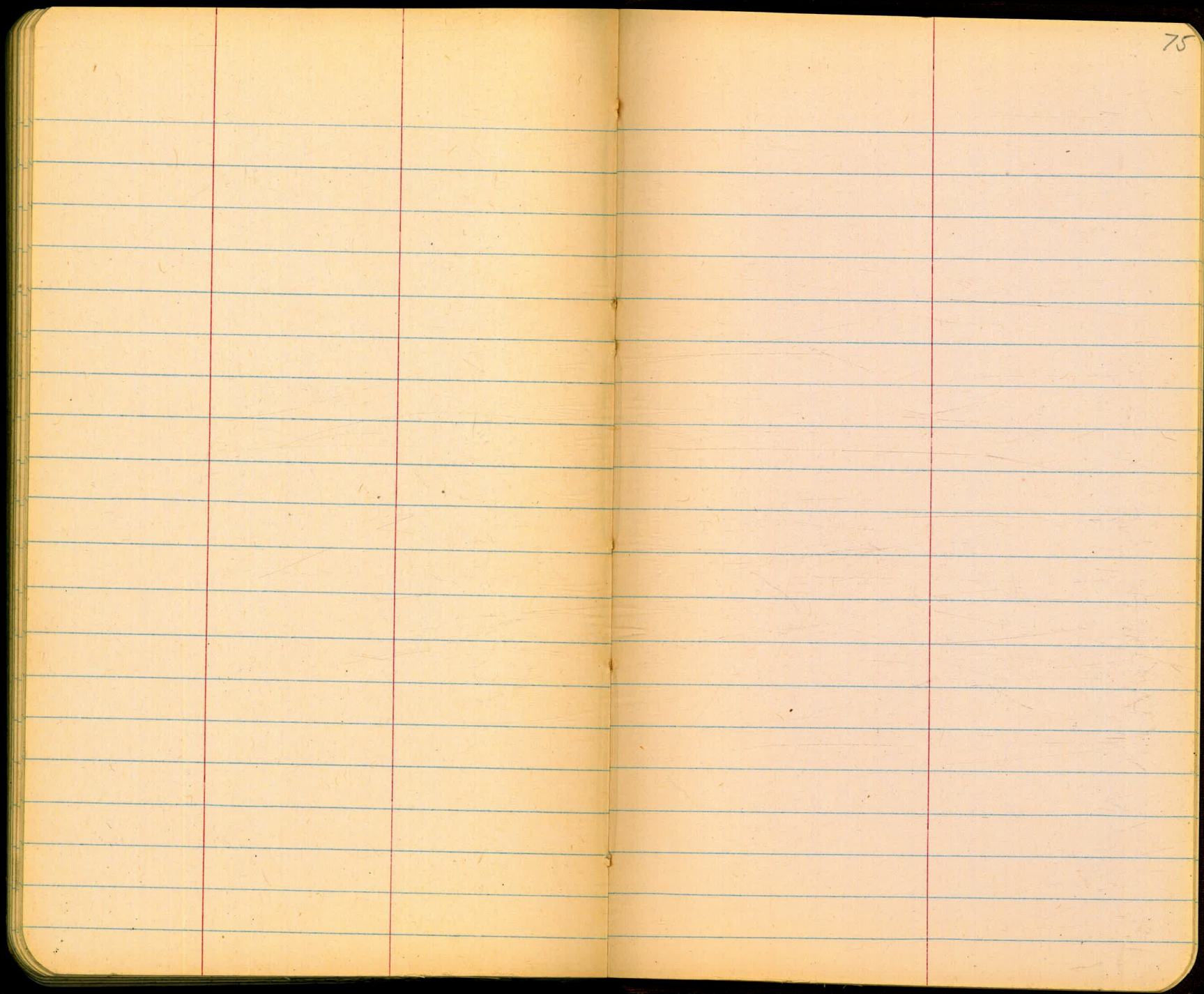


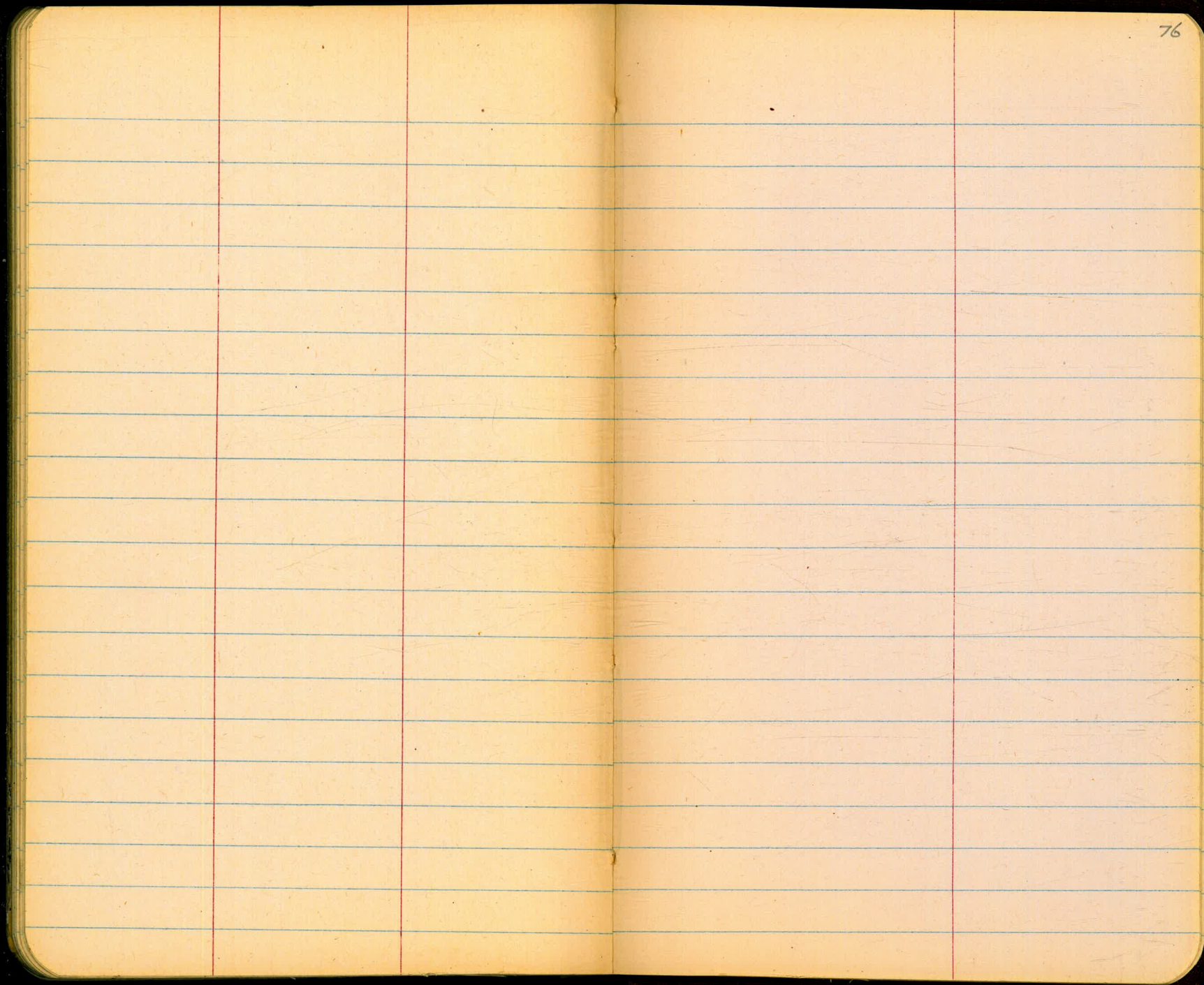


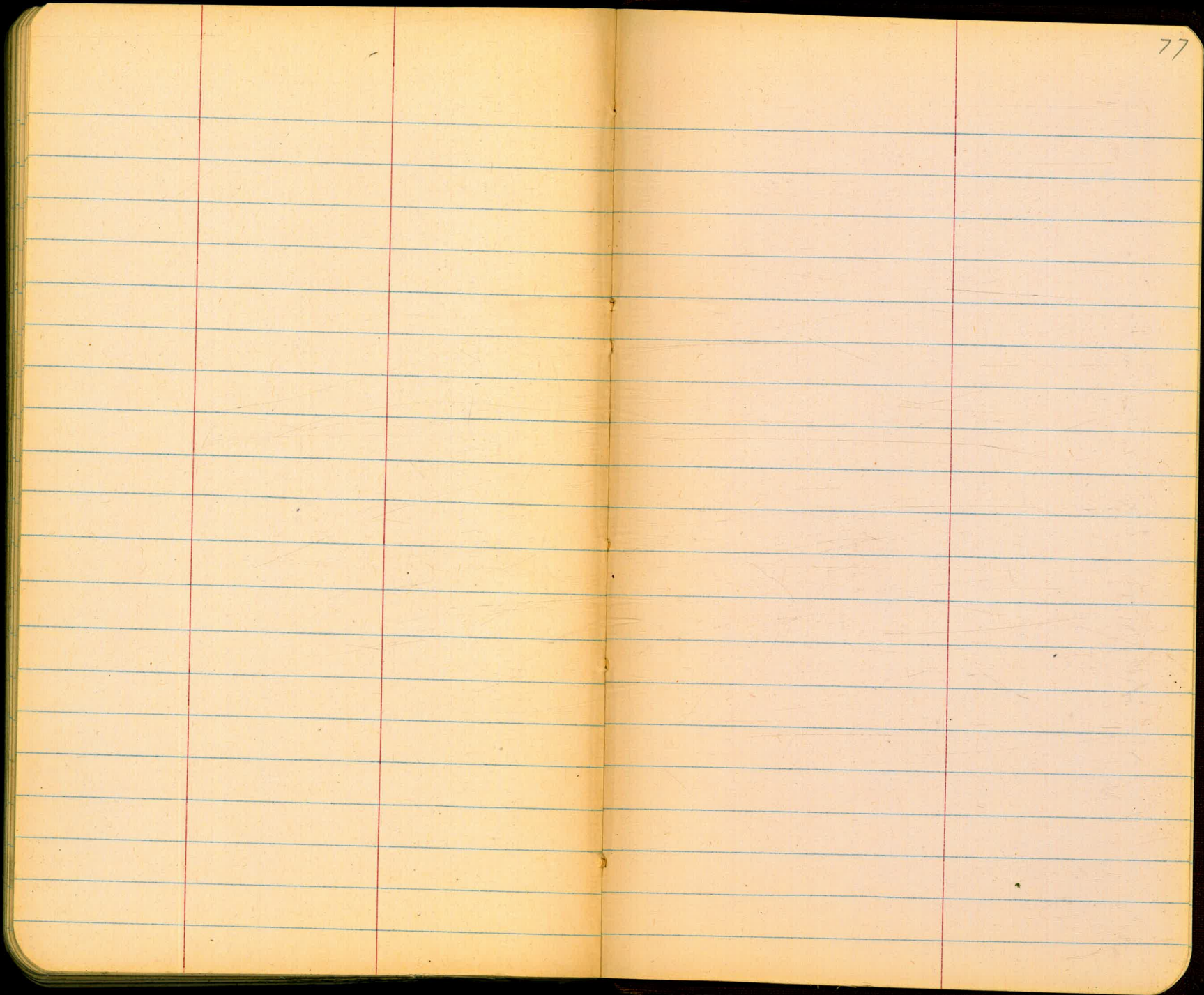


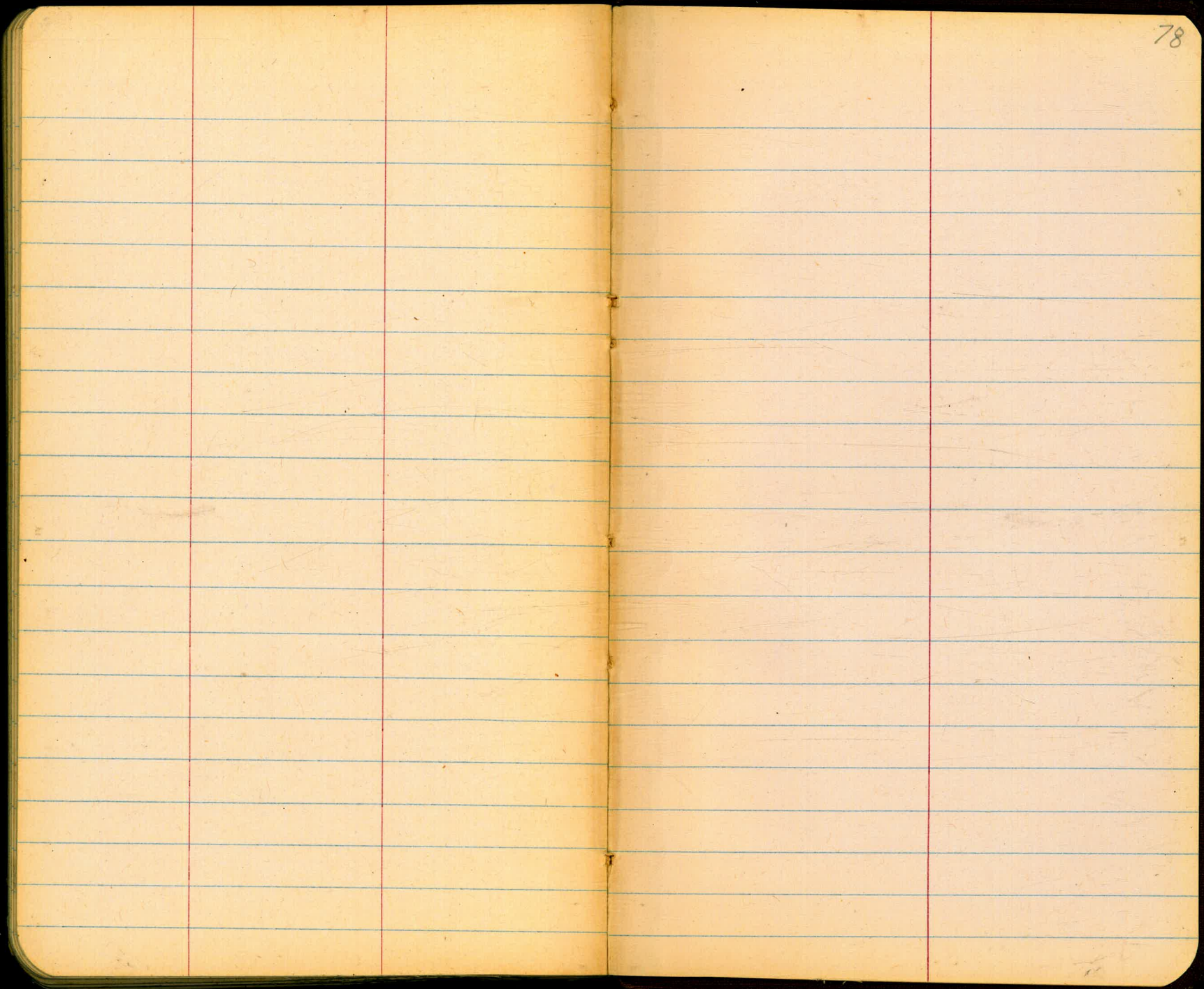










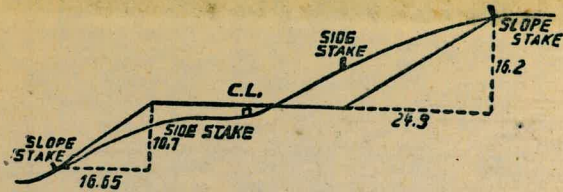


NW 1/4 Van Dyke 35825

Dwight & N. 1/4 317.13 NE 1/4

45
3) 146.006
48
20
34
126 (42)

593



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.
SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.25	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

THE NATIONAL BLANK BOOK COMPANY
HOLYOKE MASSACHUSETTS
NEW YORK CHICAGO BOSTON SAN FRANCISCO